

FIG. 1

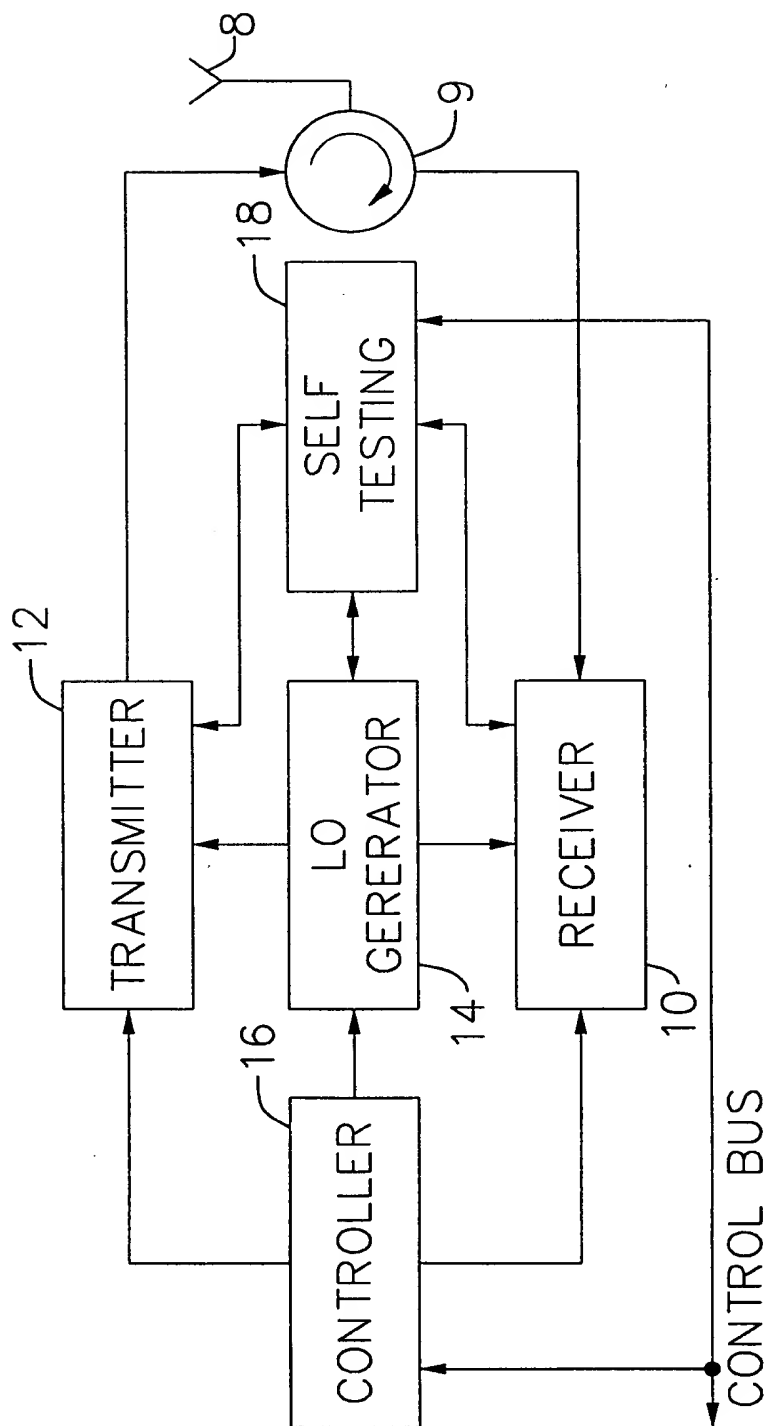
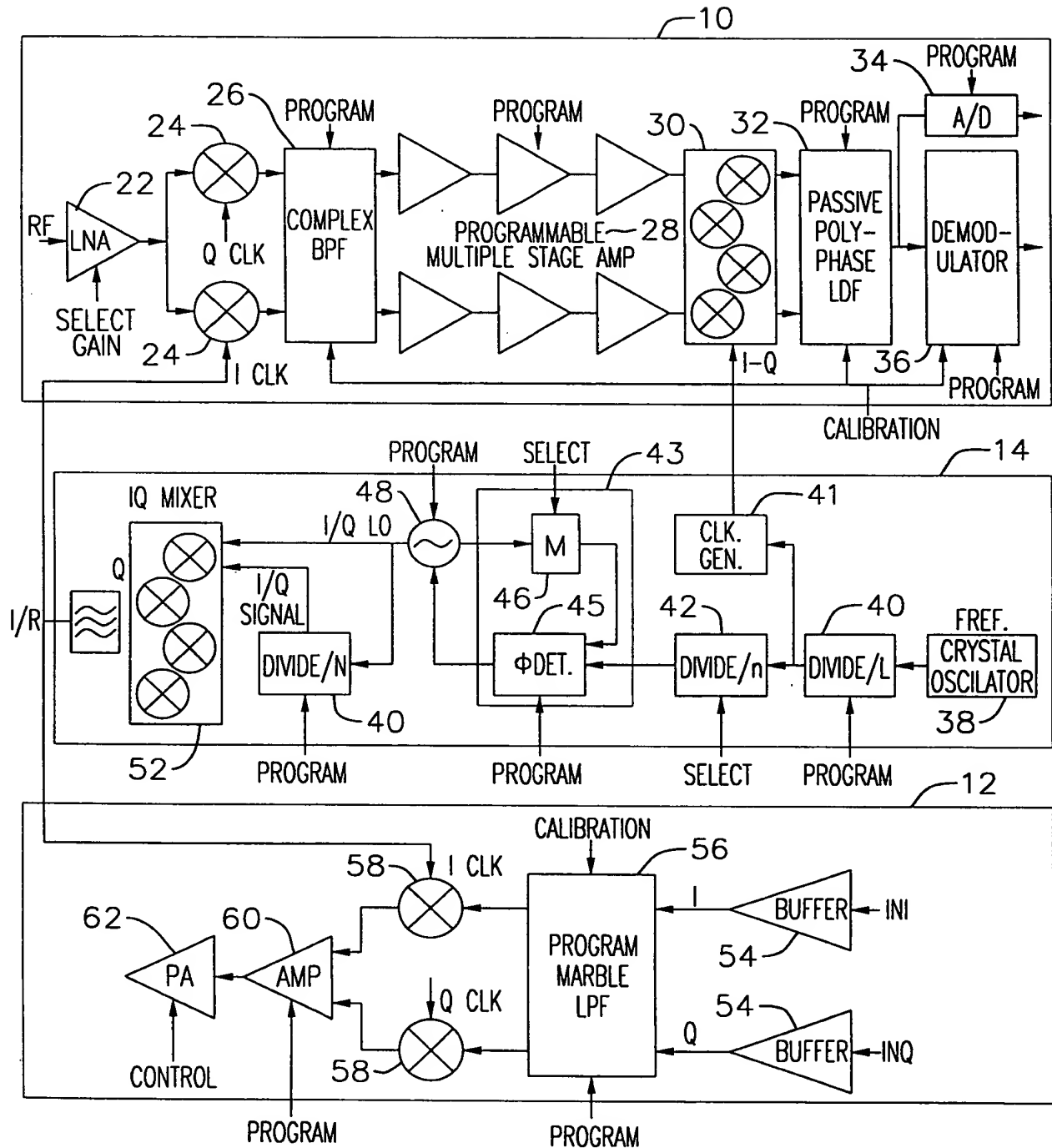


FIG. 2



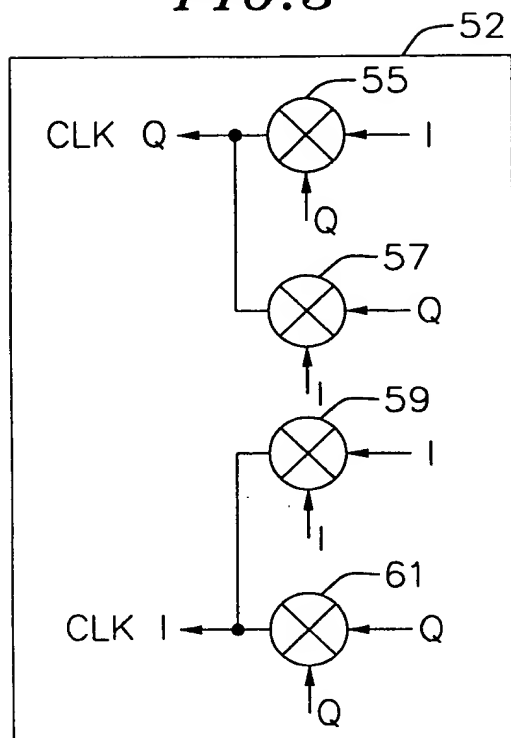
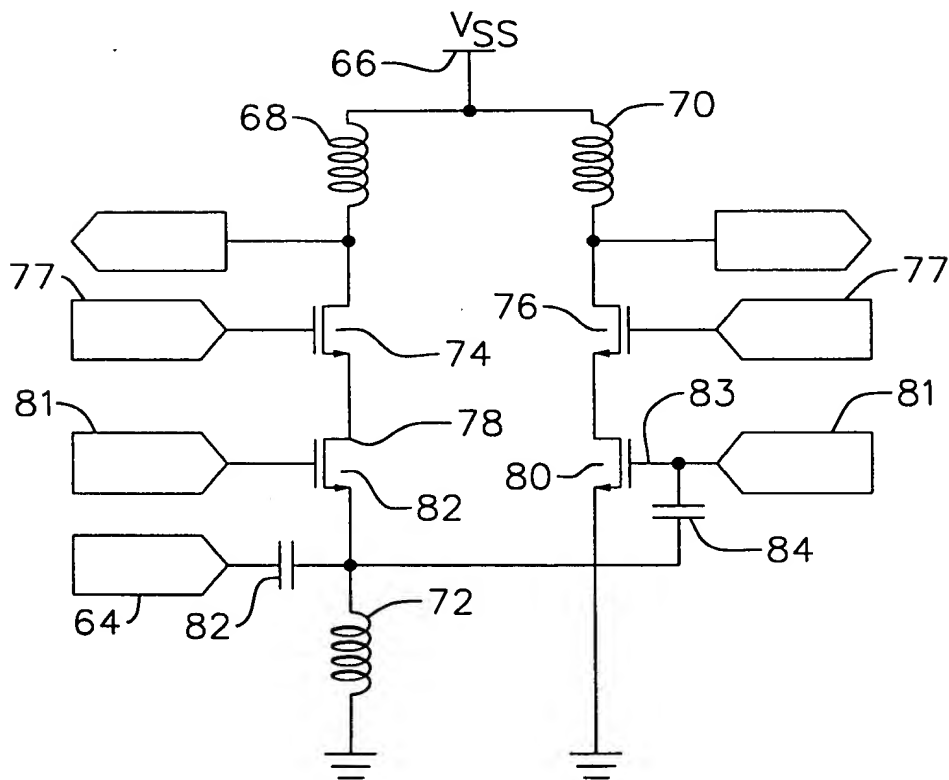
**FIG. 3****FIG. 4**



FIG. 4(a)

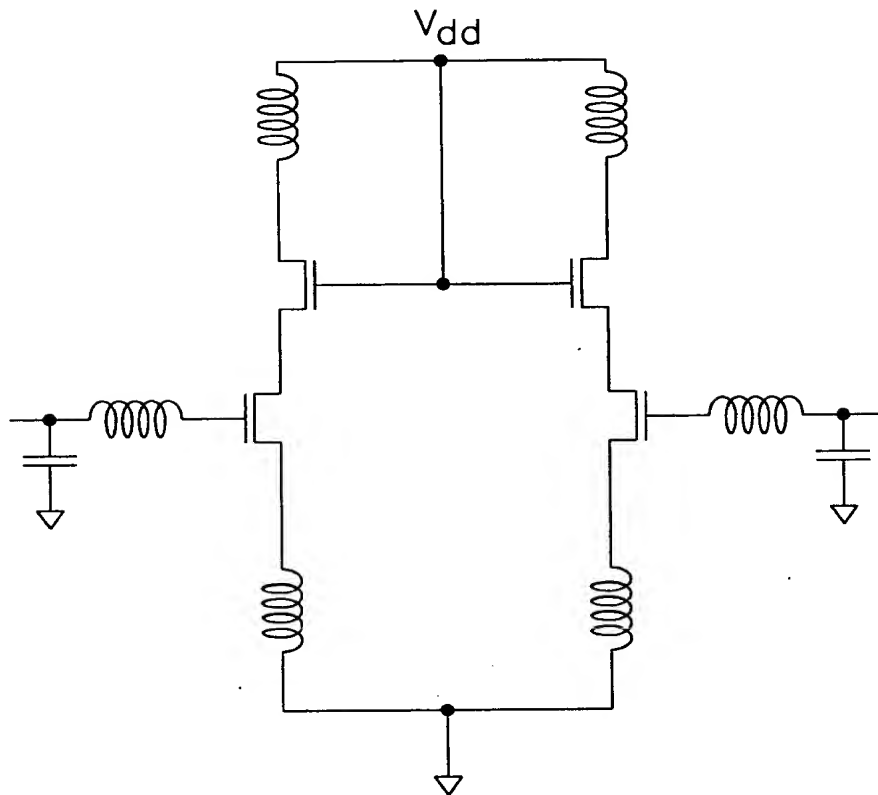
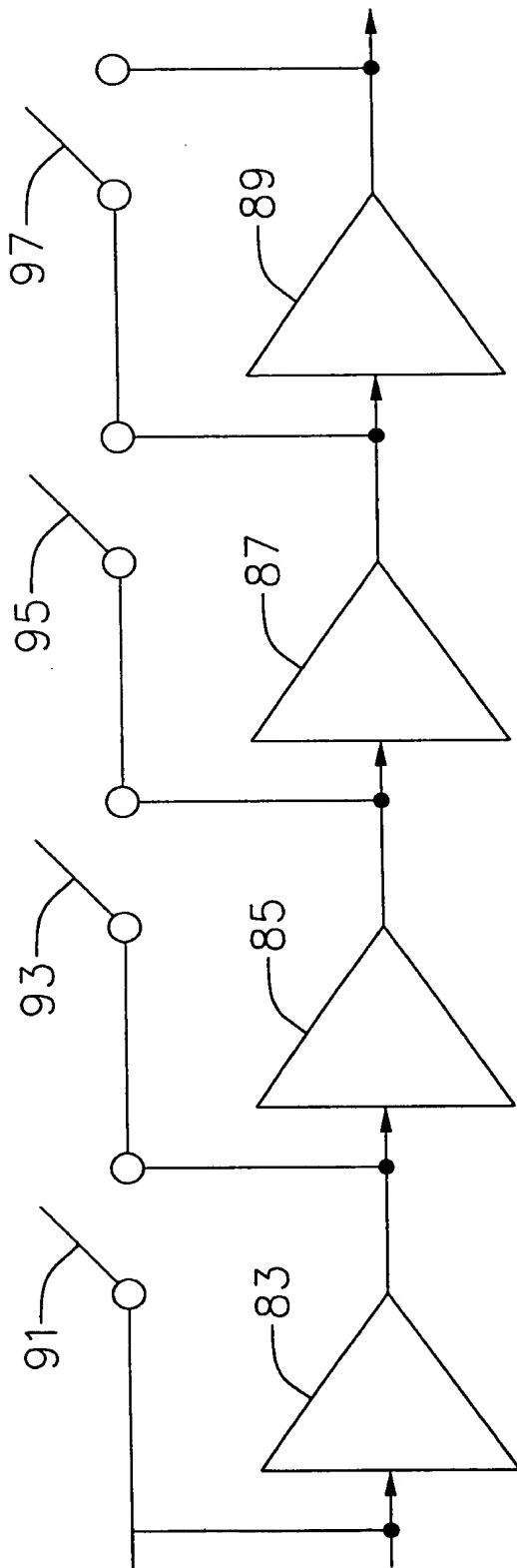
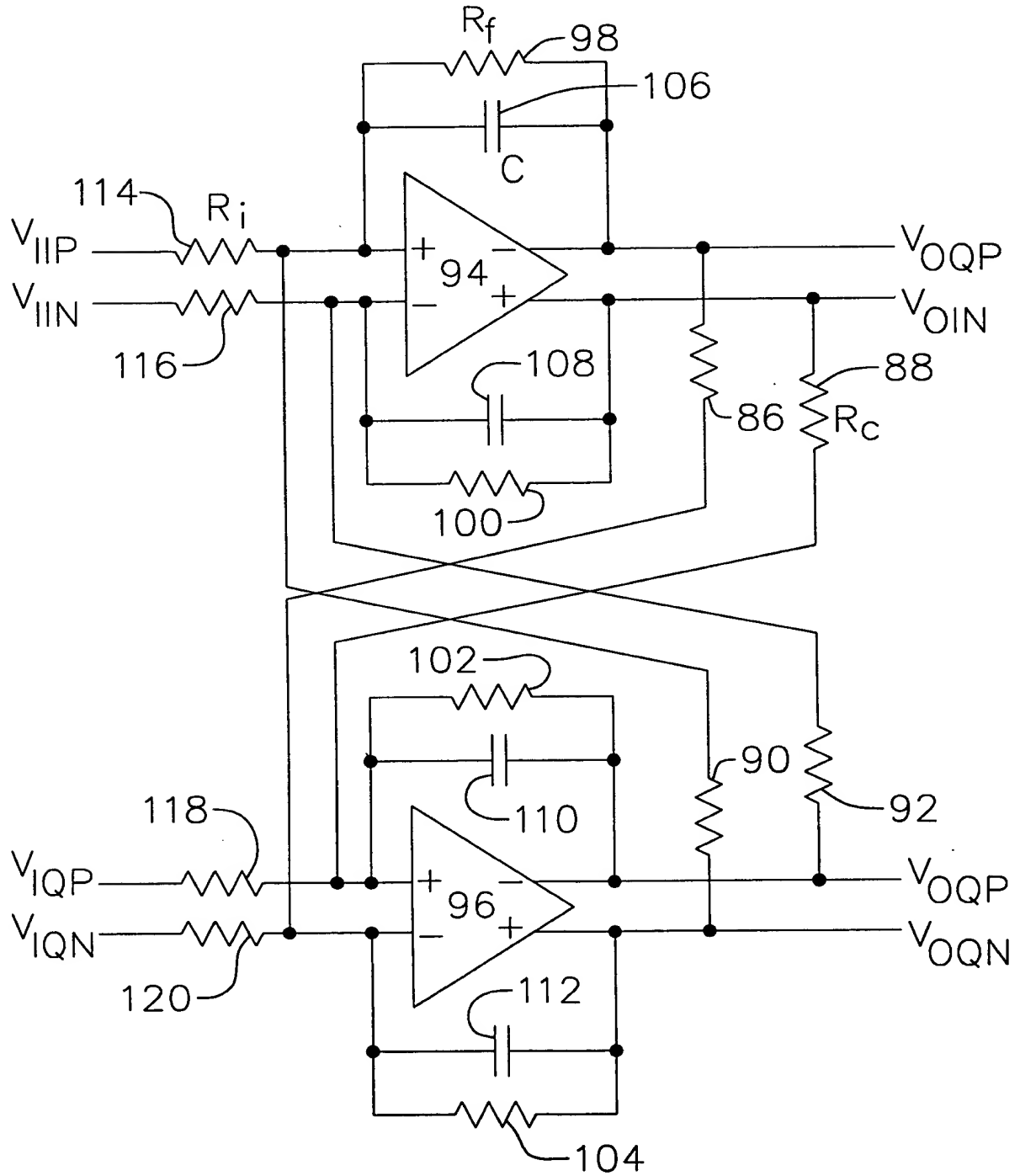




FIG.5



**FIG. 6**

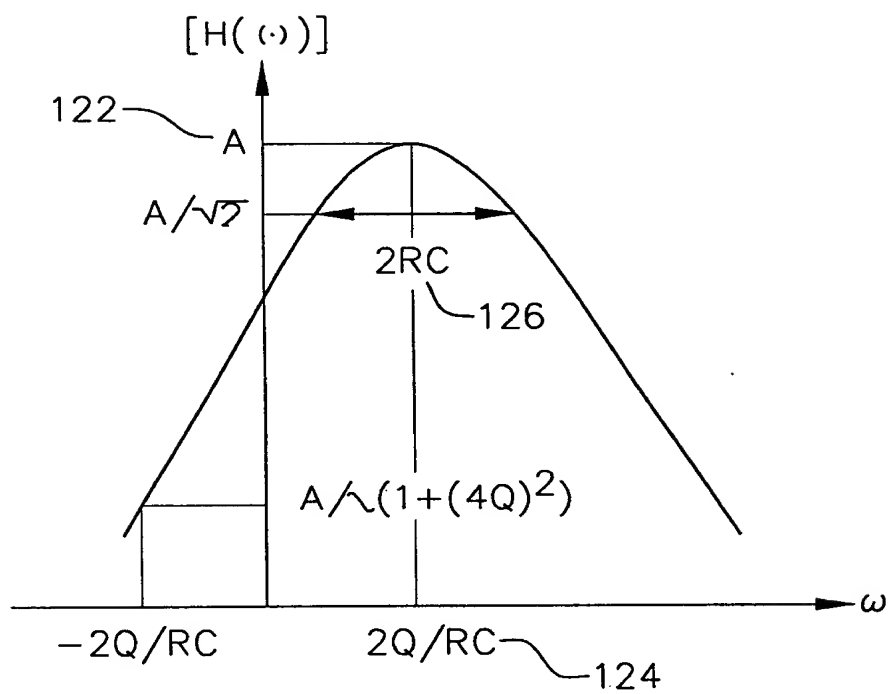
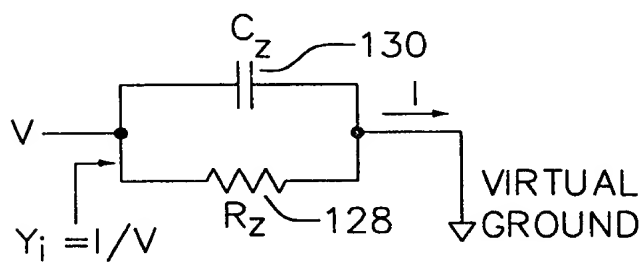
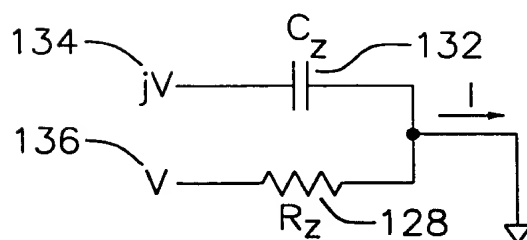
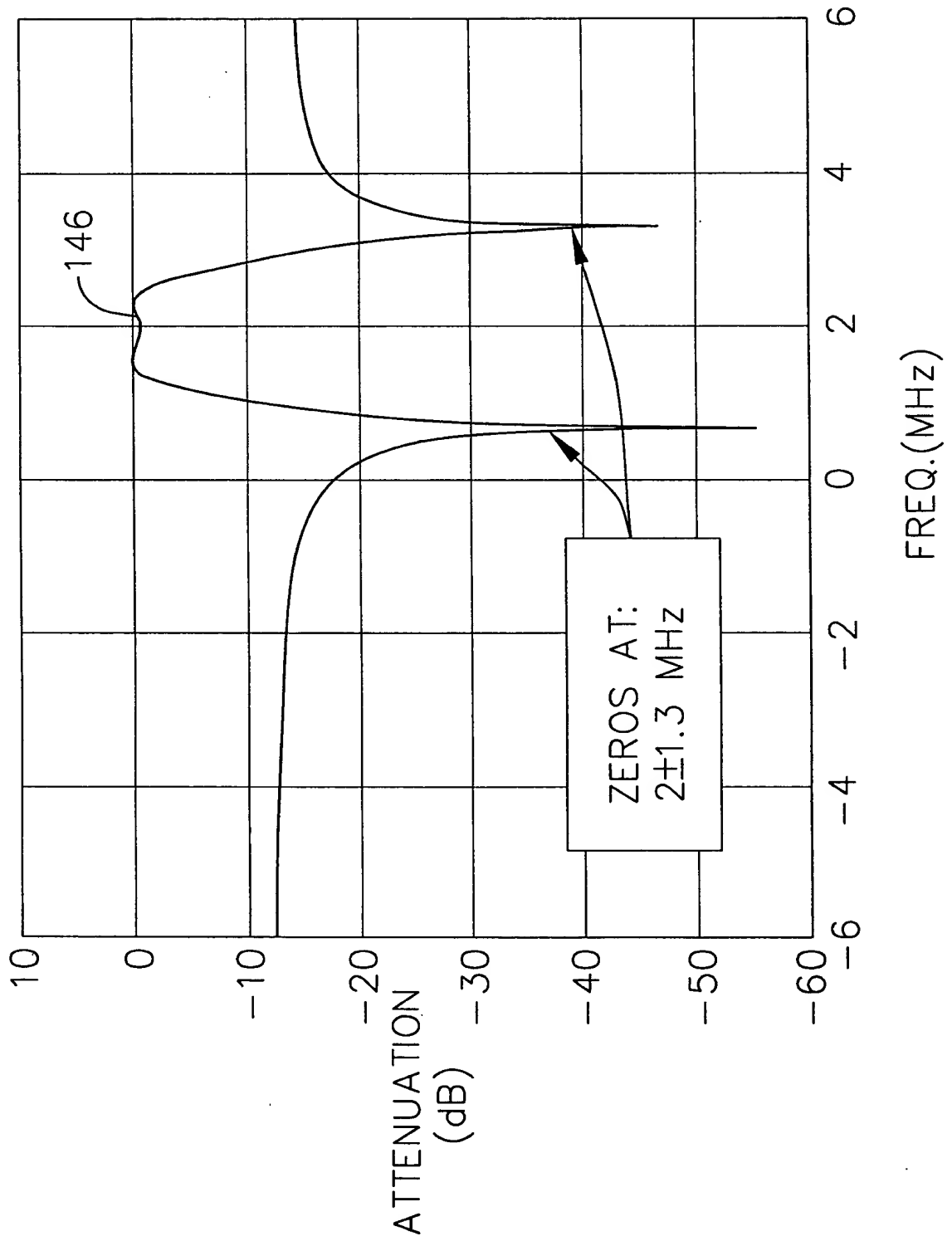
**FIG. 7****FIG. 8****FIG. 9**



FIG. 11





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FIG. 12a

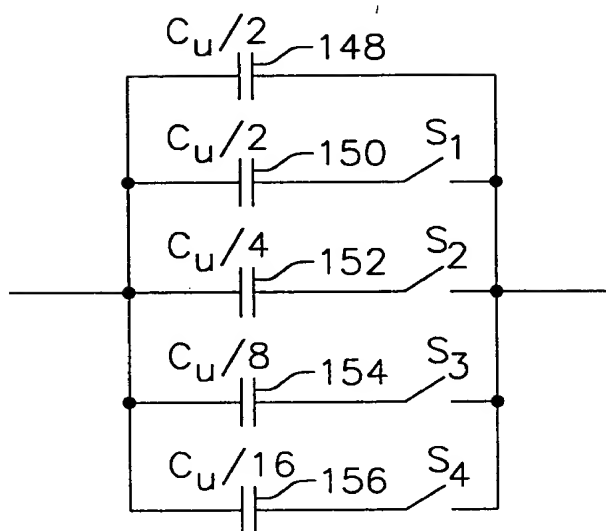
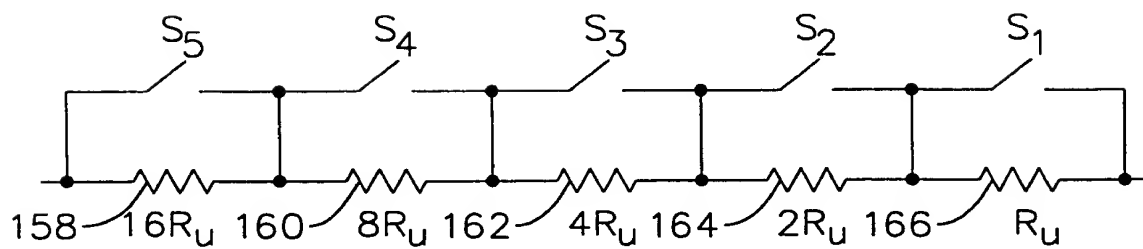


FIG. 12b



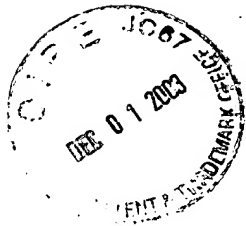


FIG. 13

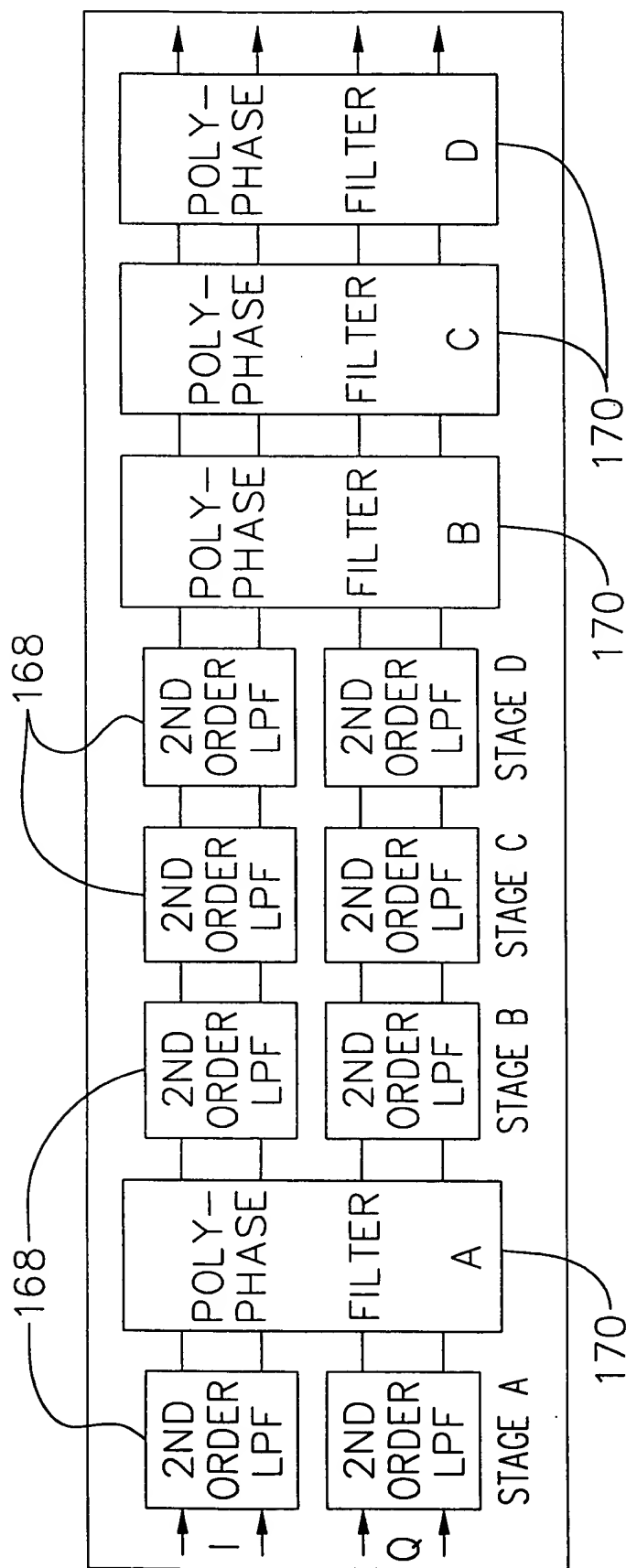
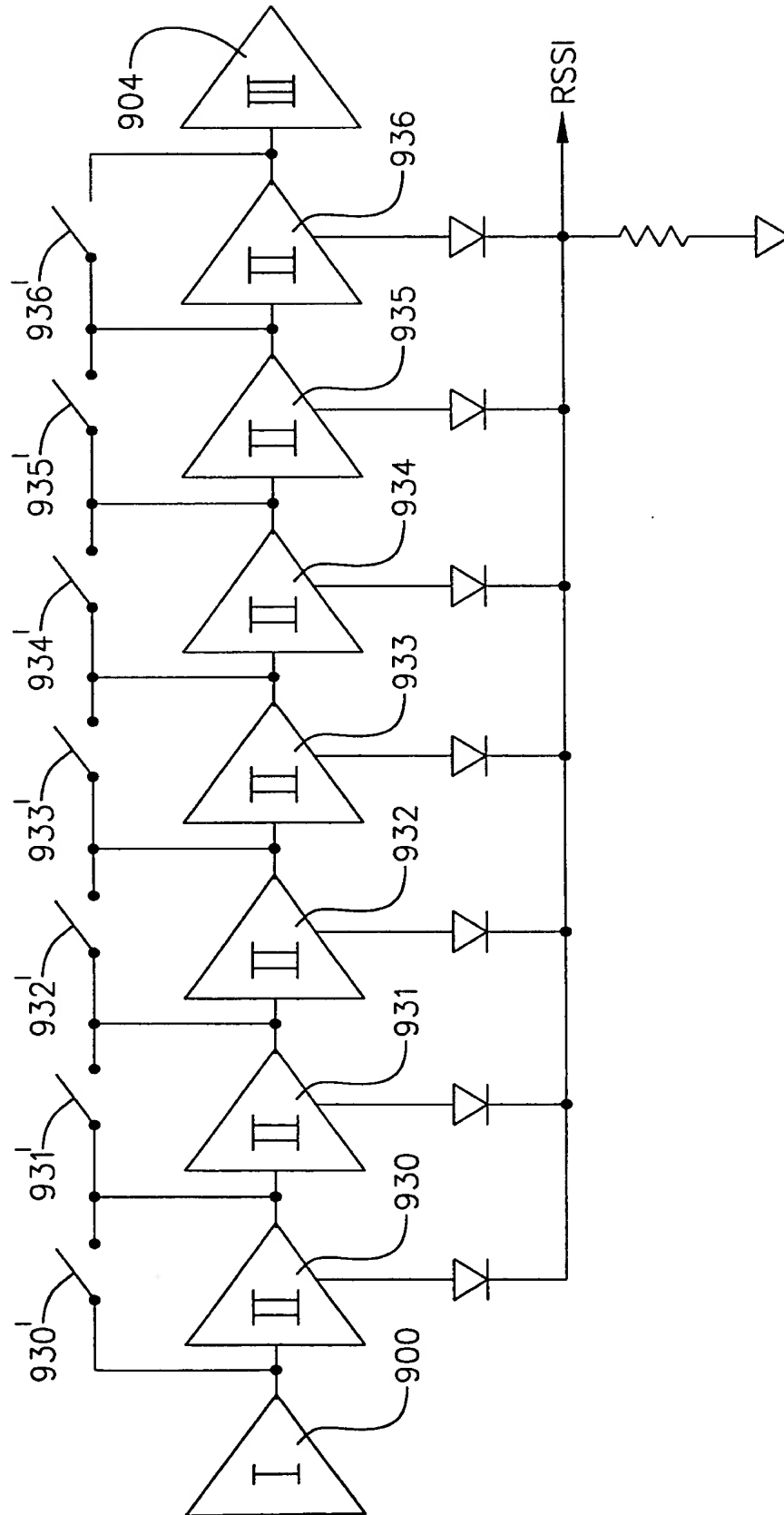




FIG. 14



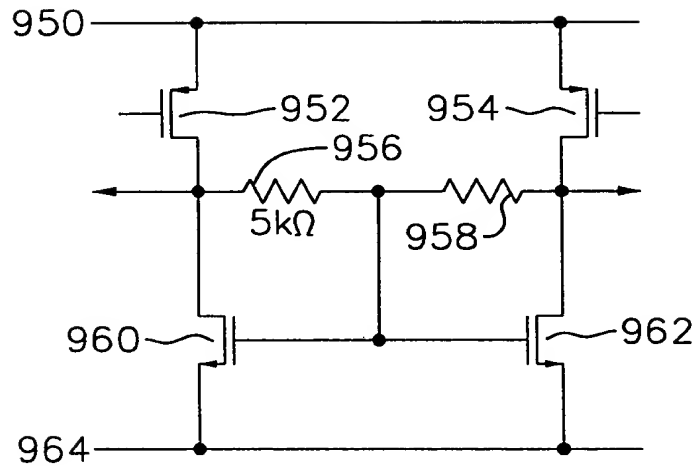
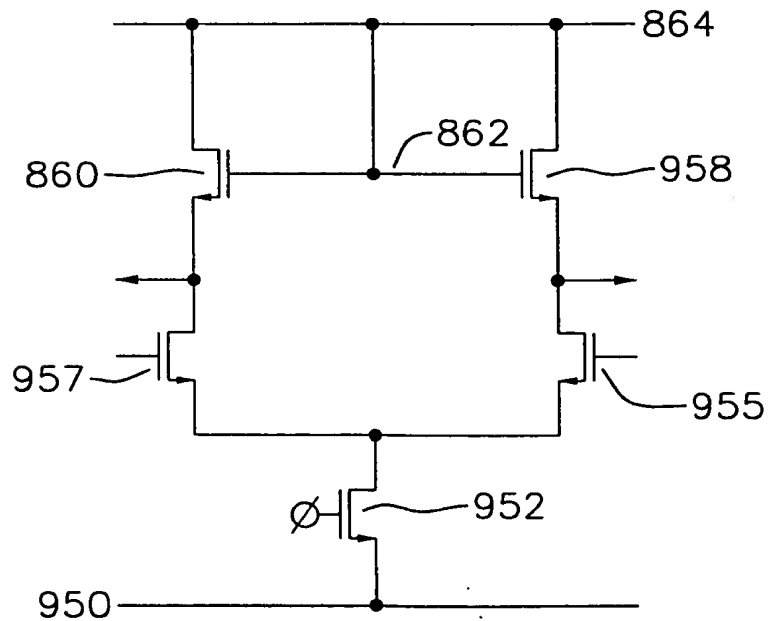
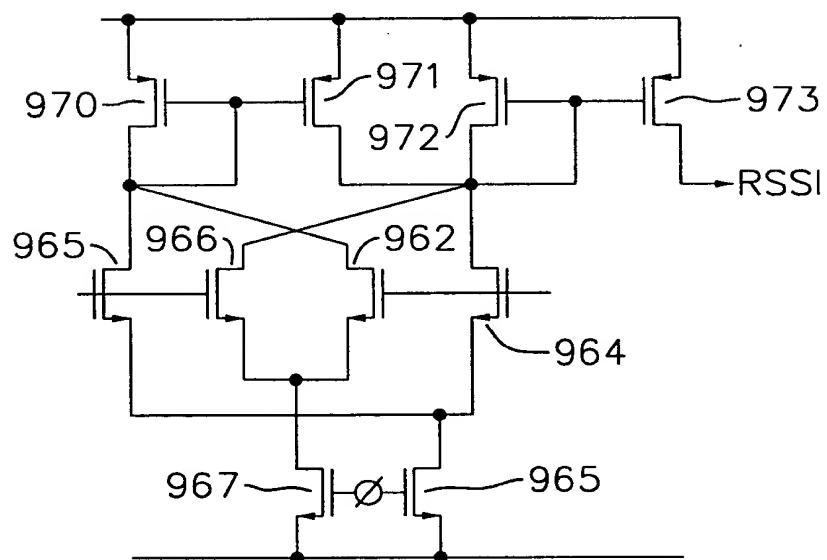
*FIG. 15**FIG. 16a*



FIG. 16b



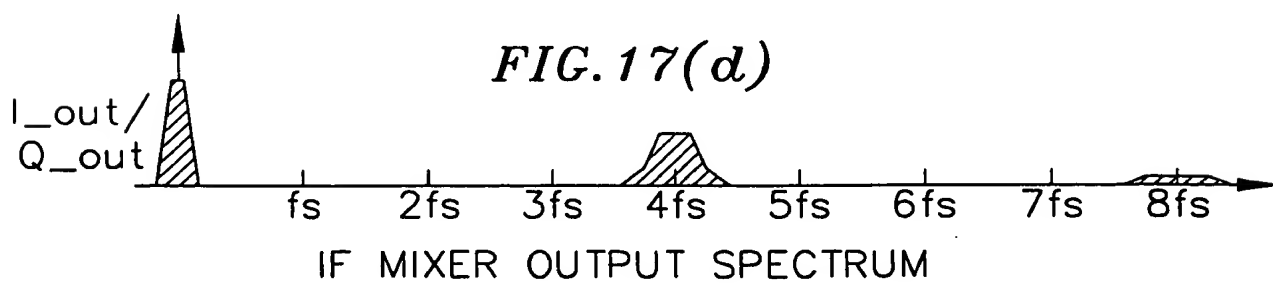
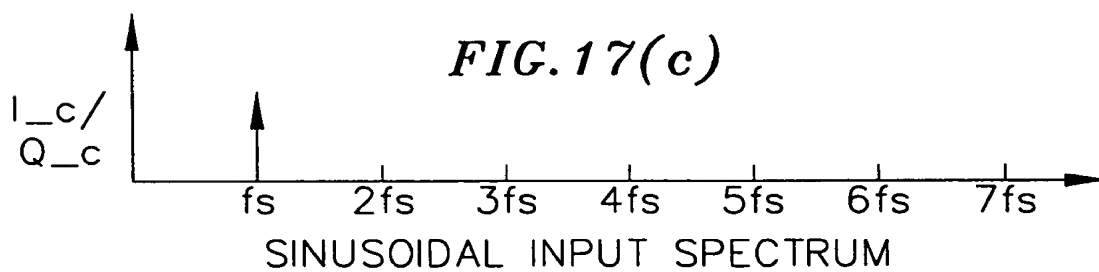
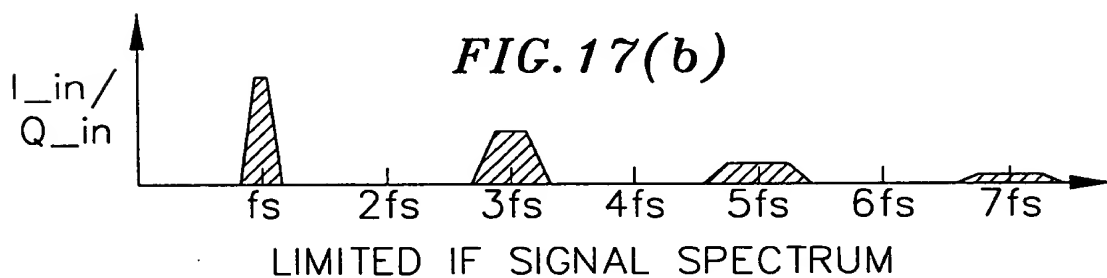
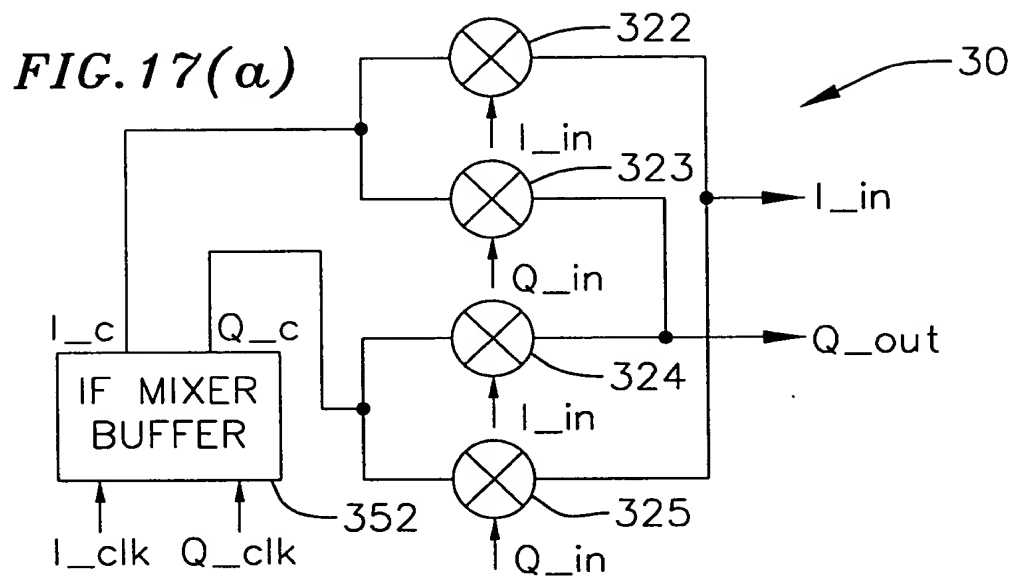


FIG. 18

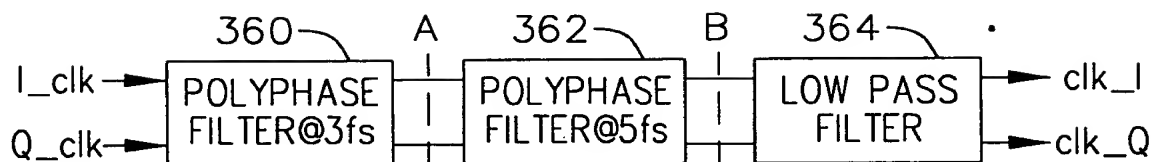


FIG. 19(a)

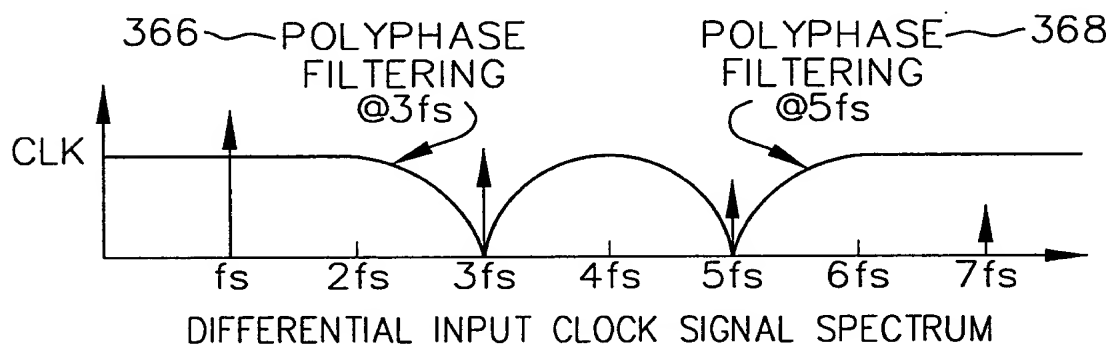


FIG. 19(b)

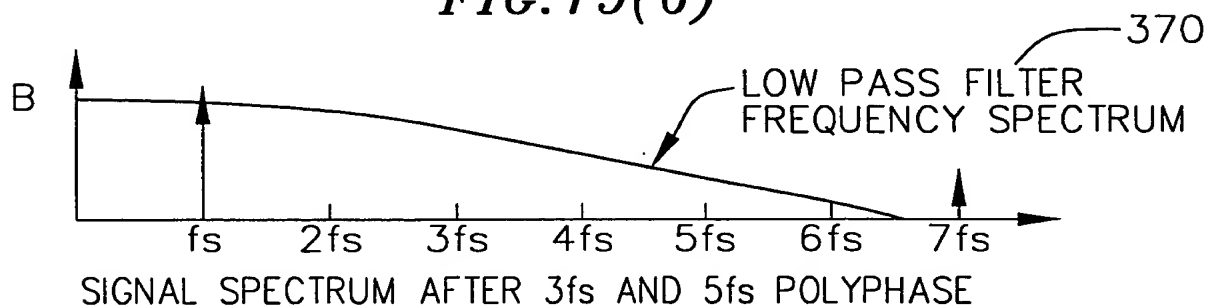


FIG. 19(c)

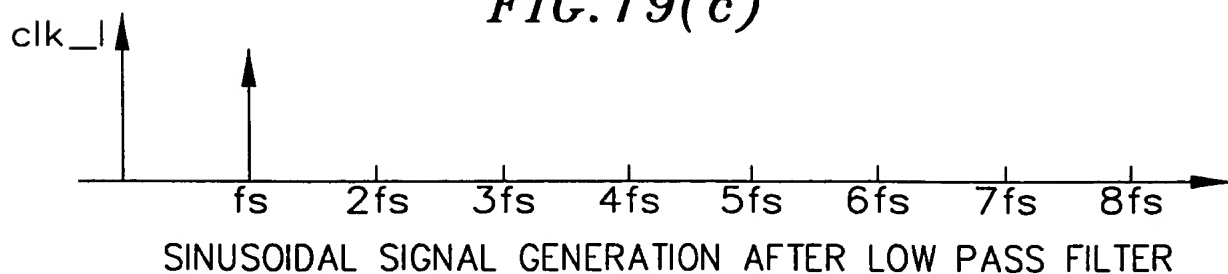
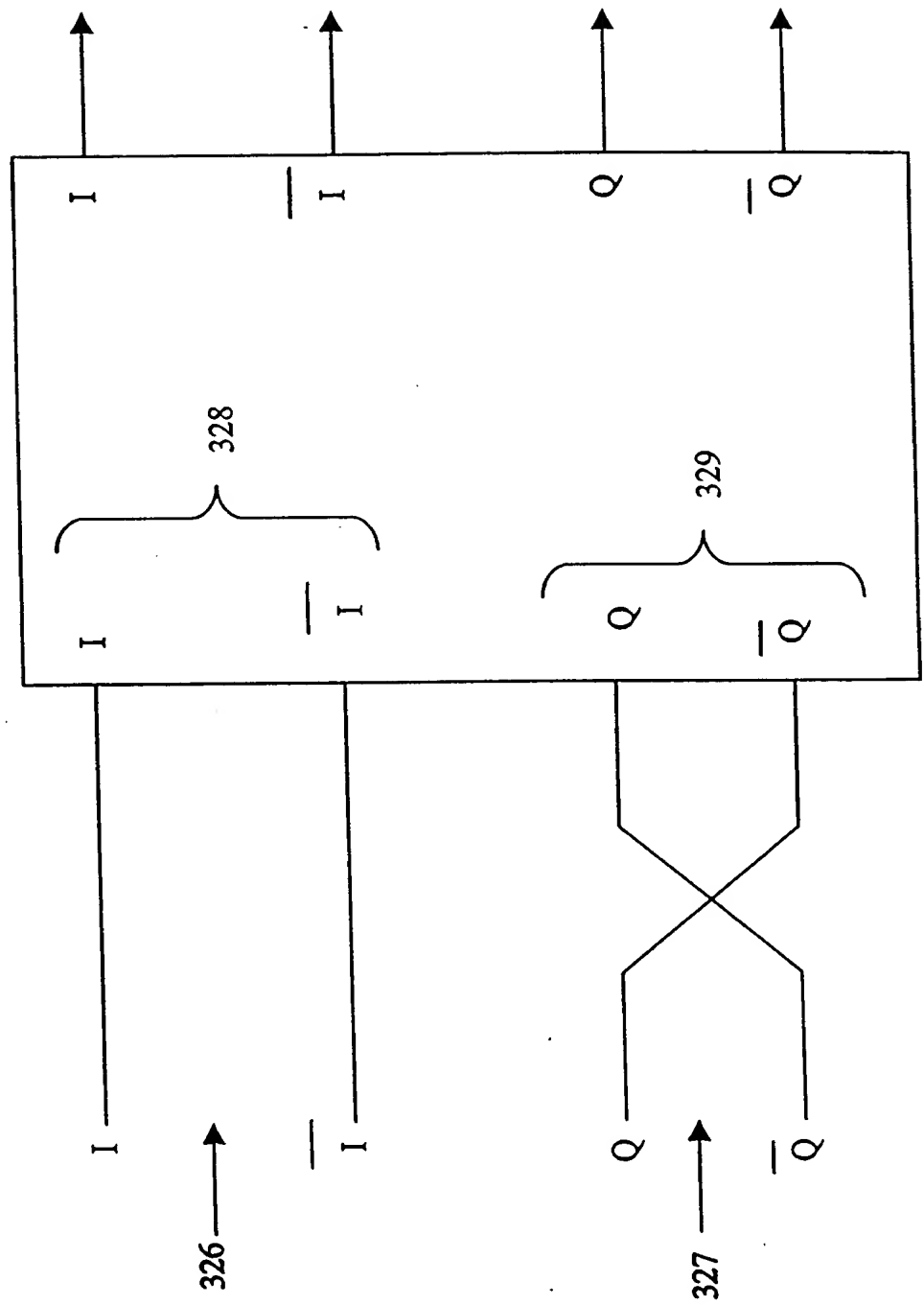




FIG. 19d





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FIG. 19e

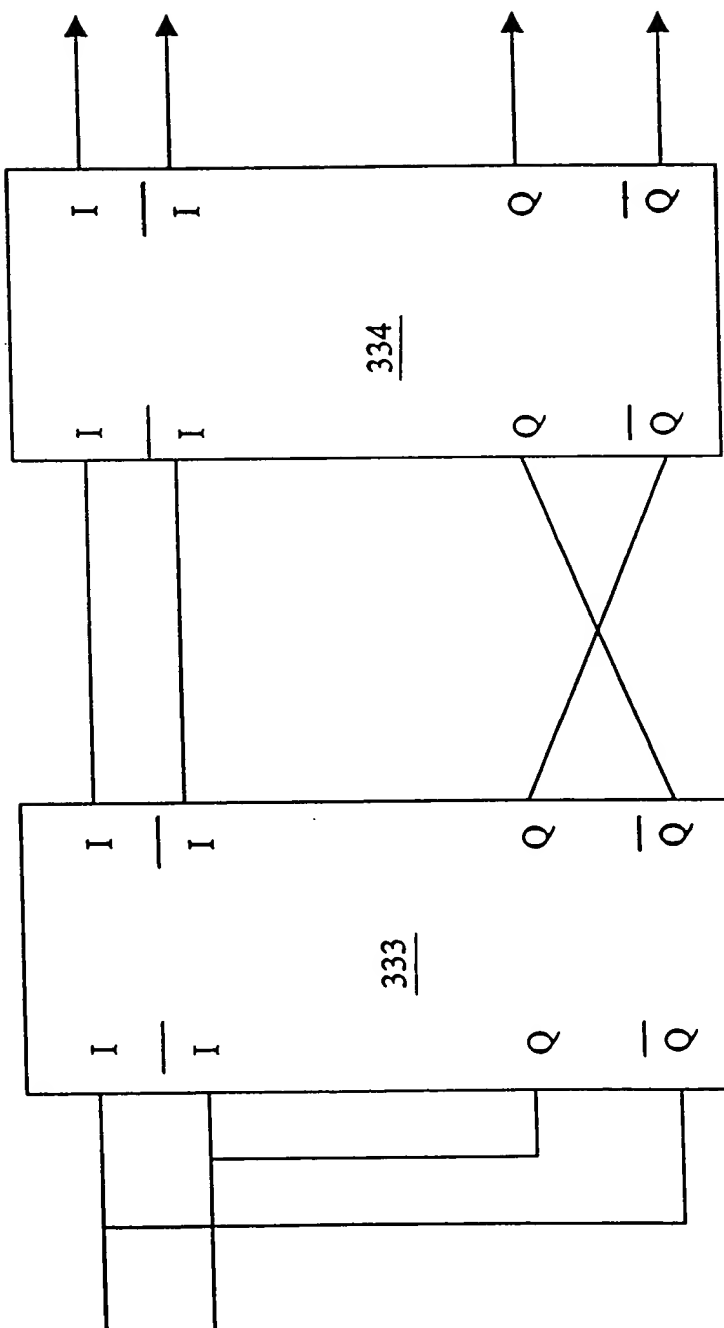




FIG. 19f

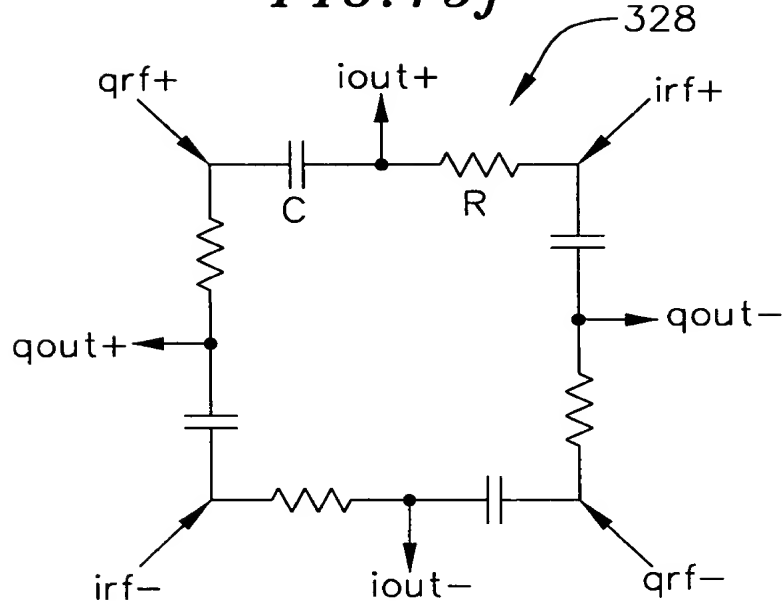
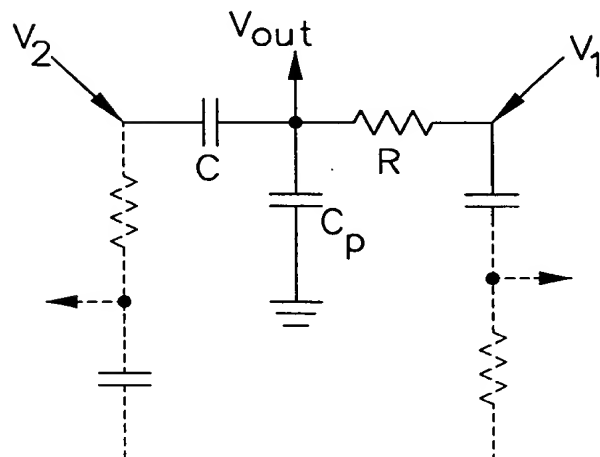


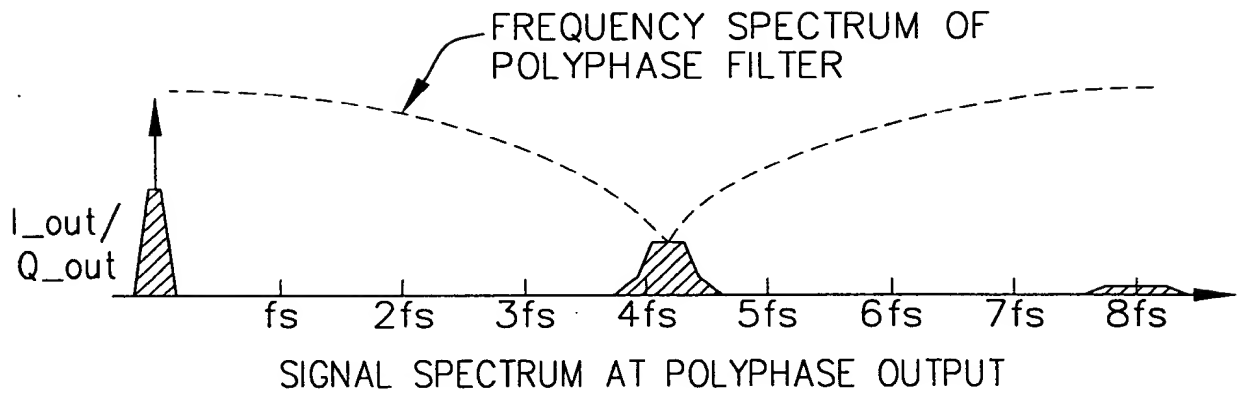
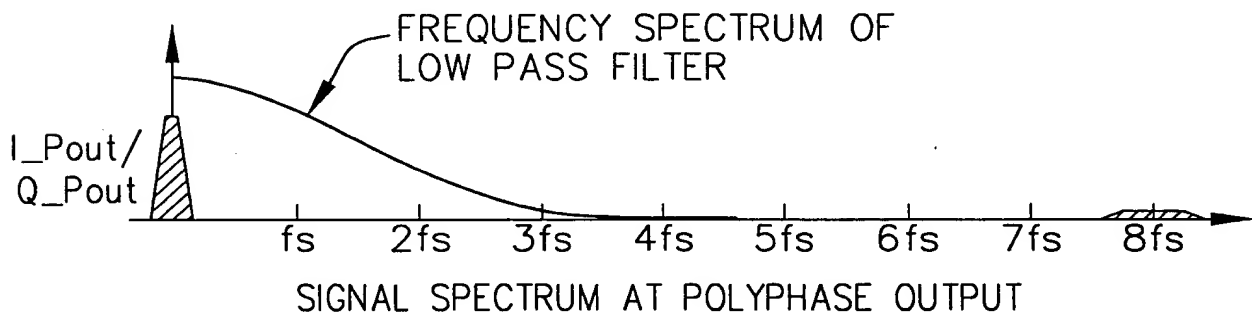
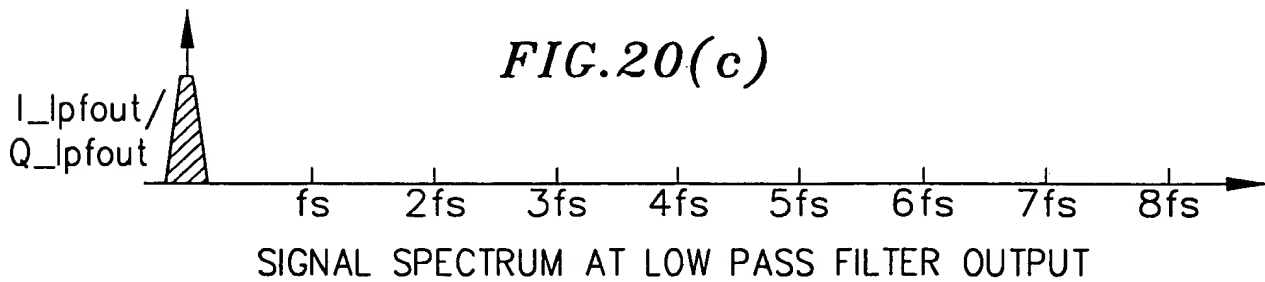
FIG. 19g



$$\omega_p = \frac{1}{R(C_p + C)}$$

$$\omega_o = \frac{1}{RC}$$

$$V_{out} = \frac{V_1}{R(C_p + C)s + 1} + \frac{V_2 RCs}{R(C_p + C)s + 1}$$

**FIG.20(a)****FIG.20(b)****FIG.20(c)**

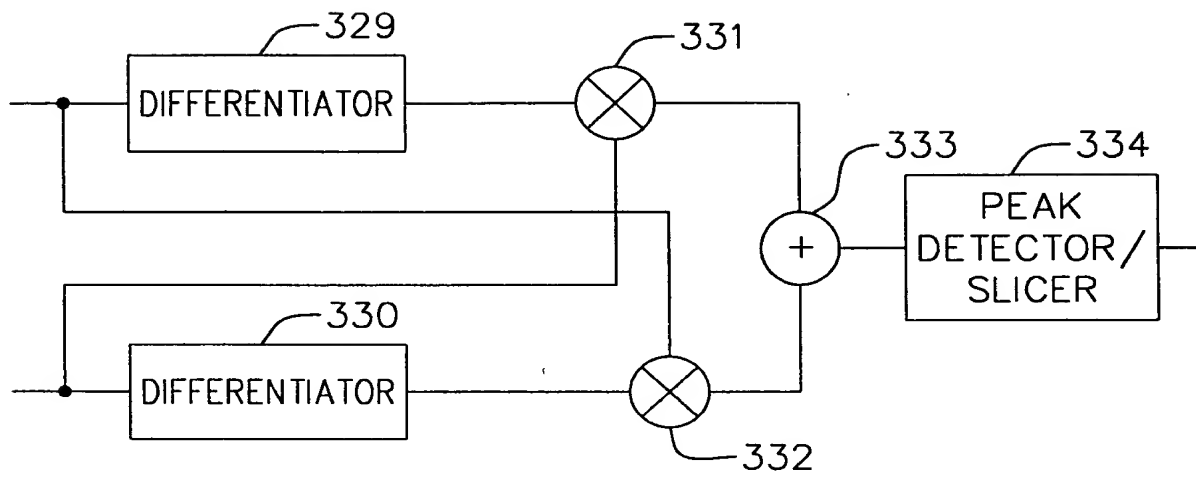
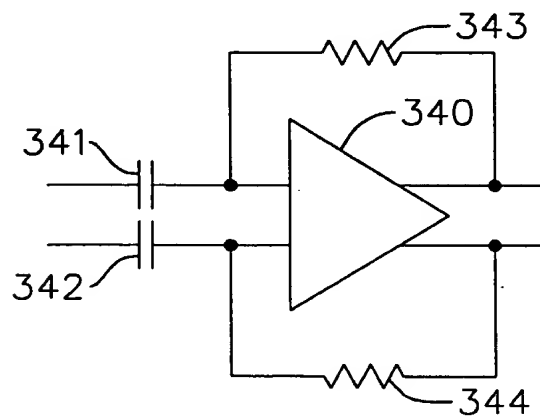
**FIG. 21****FIG. 22**

FIG. 25

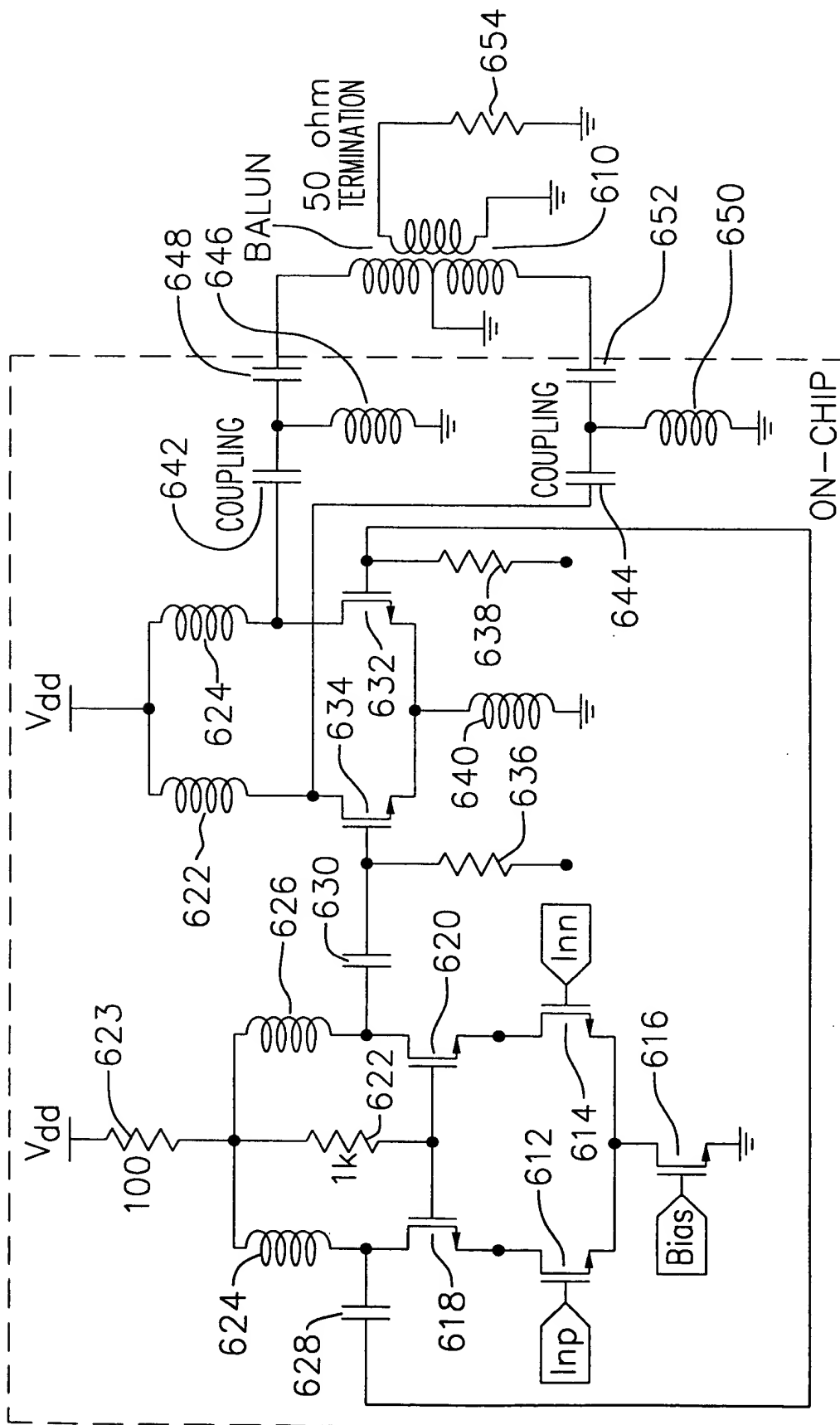


FIG. 26a

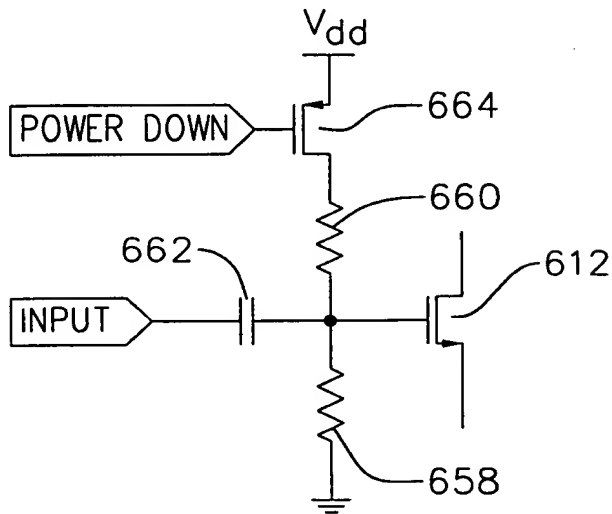


FIG. 26b

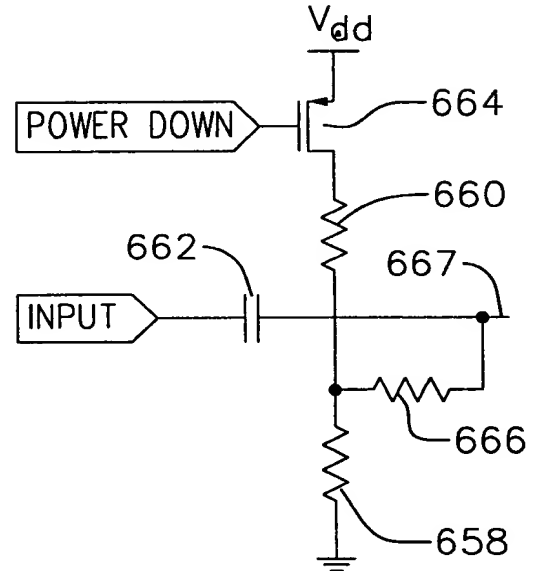


FIG. 27

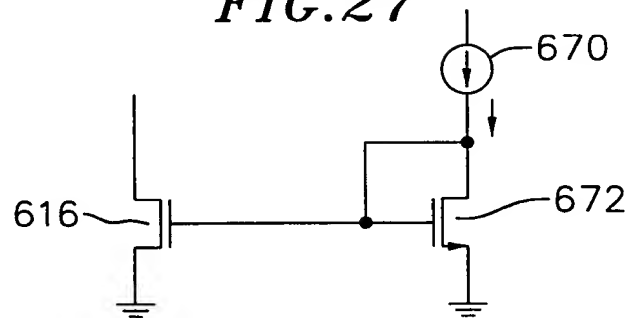
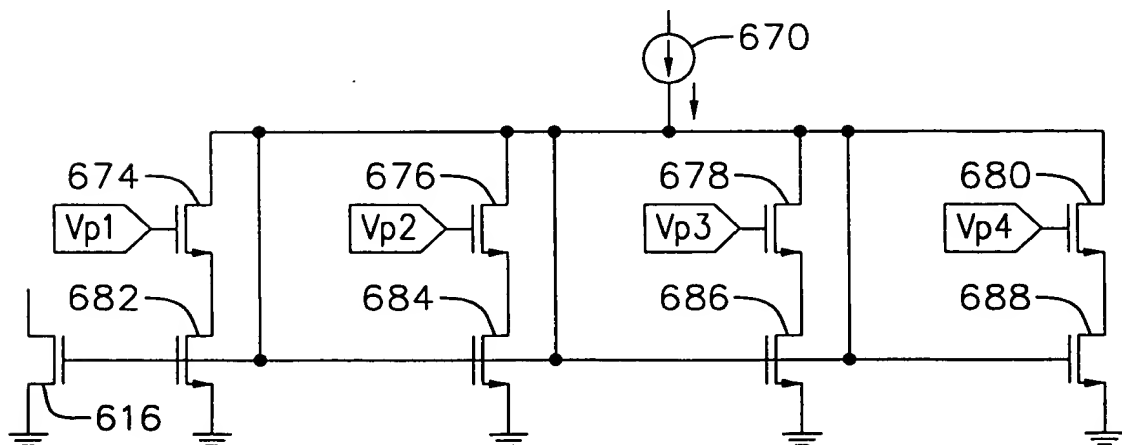
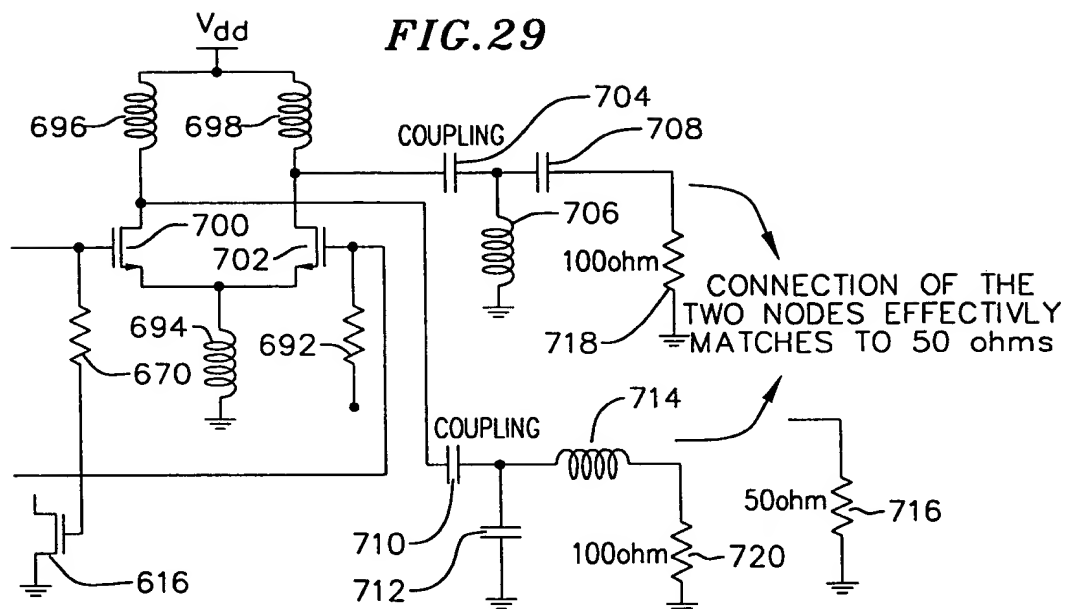
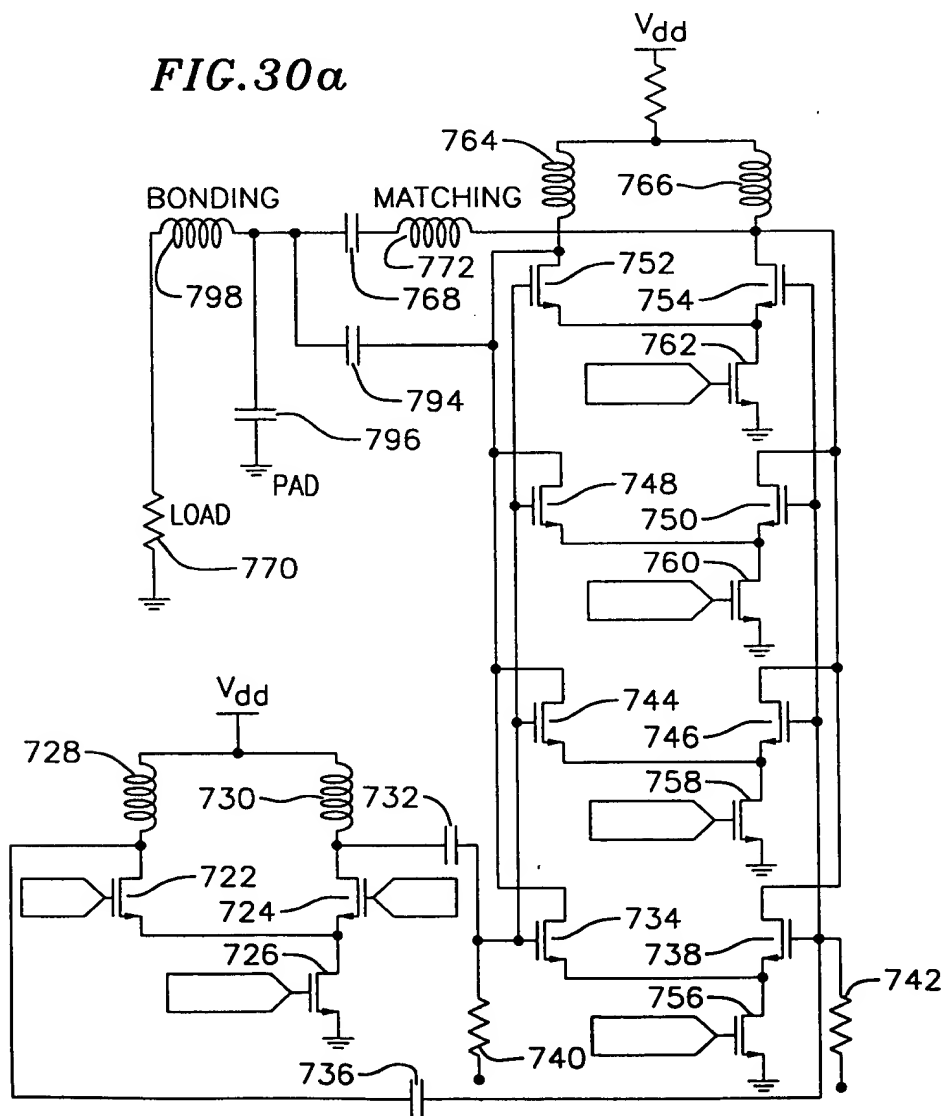


FIG. 28



**FIG.29****FIG.30a**

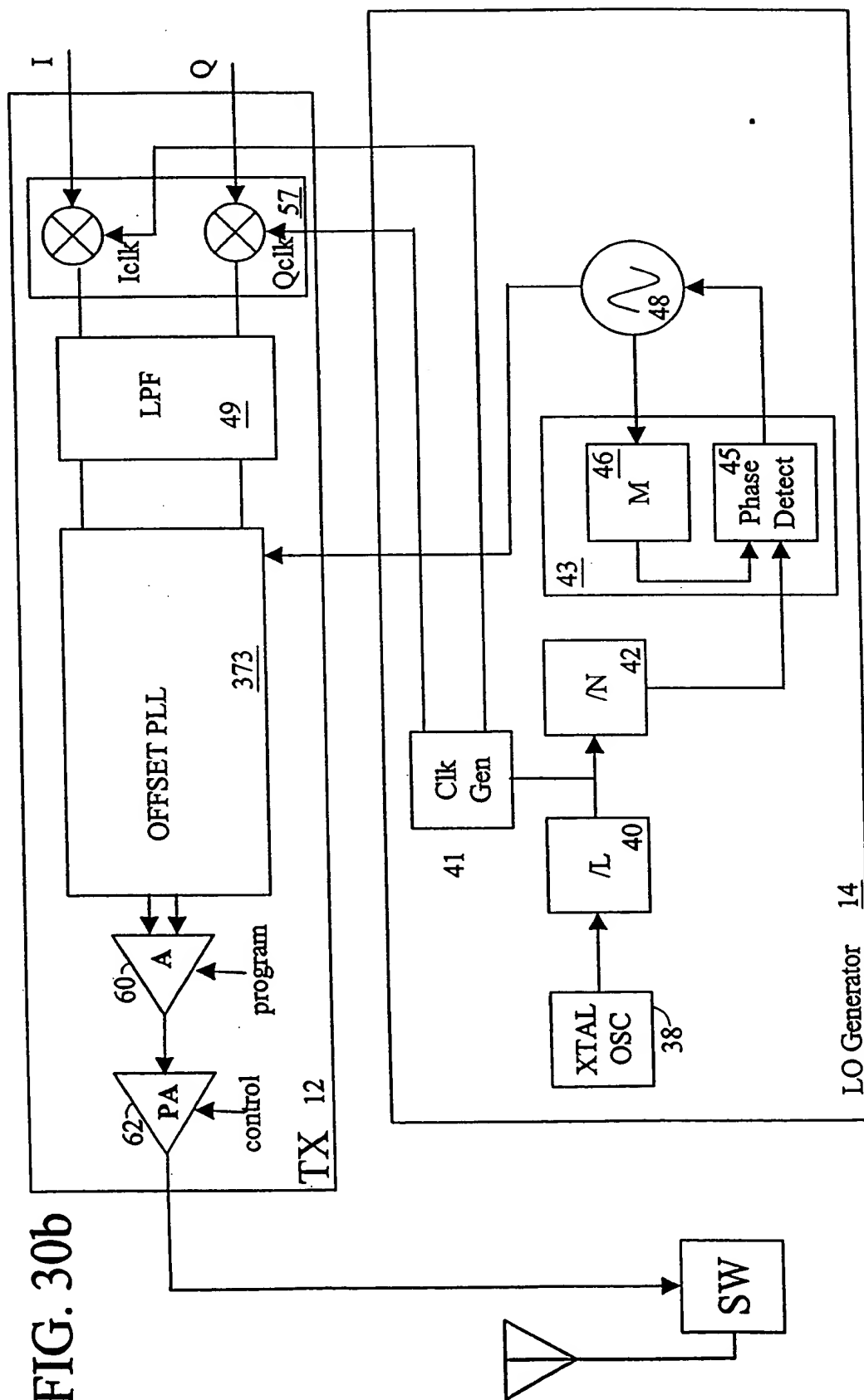


FIG. 30b



FIG. 30c

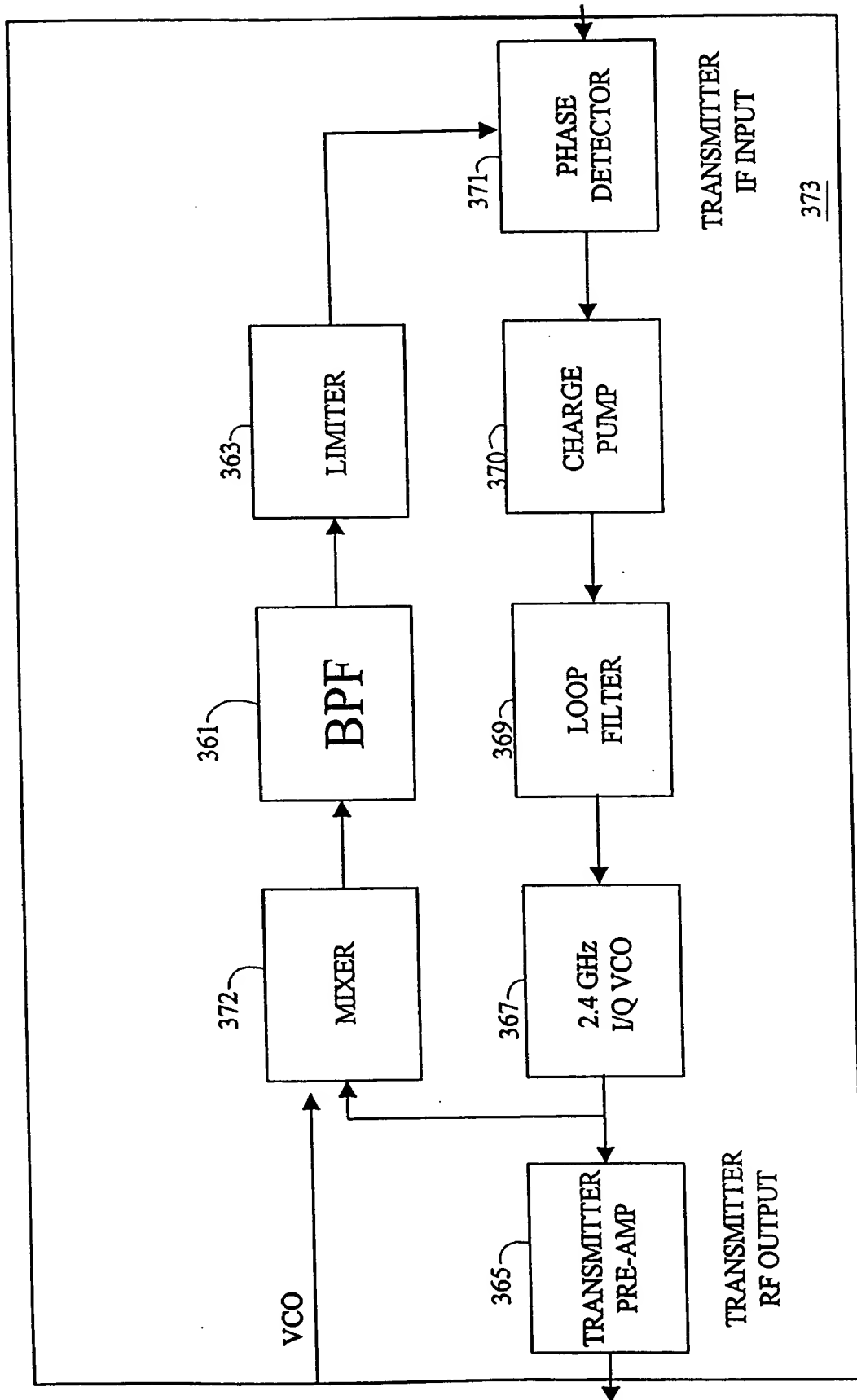
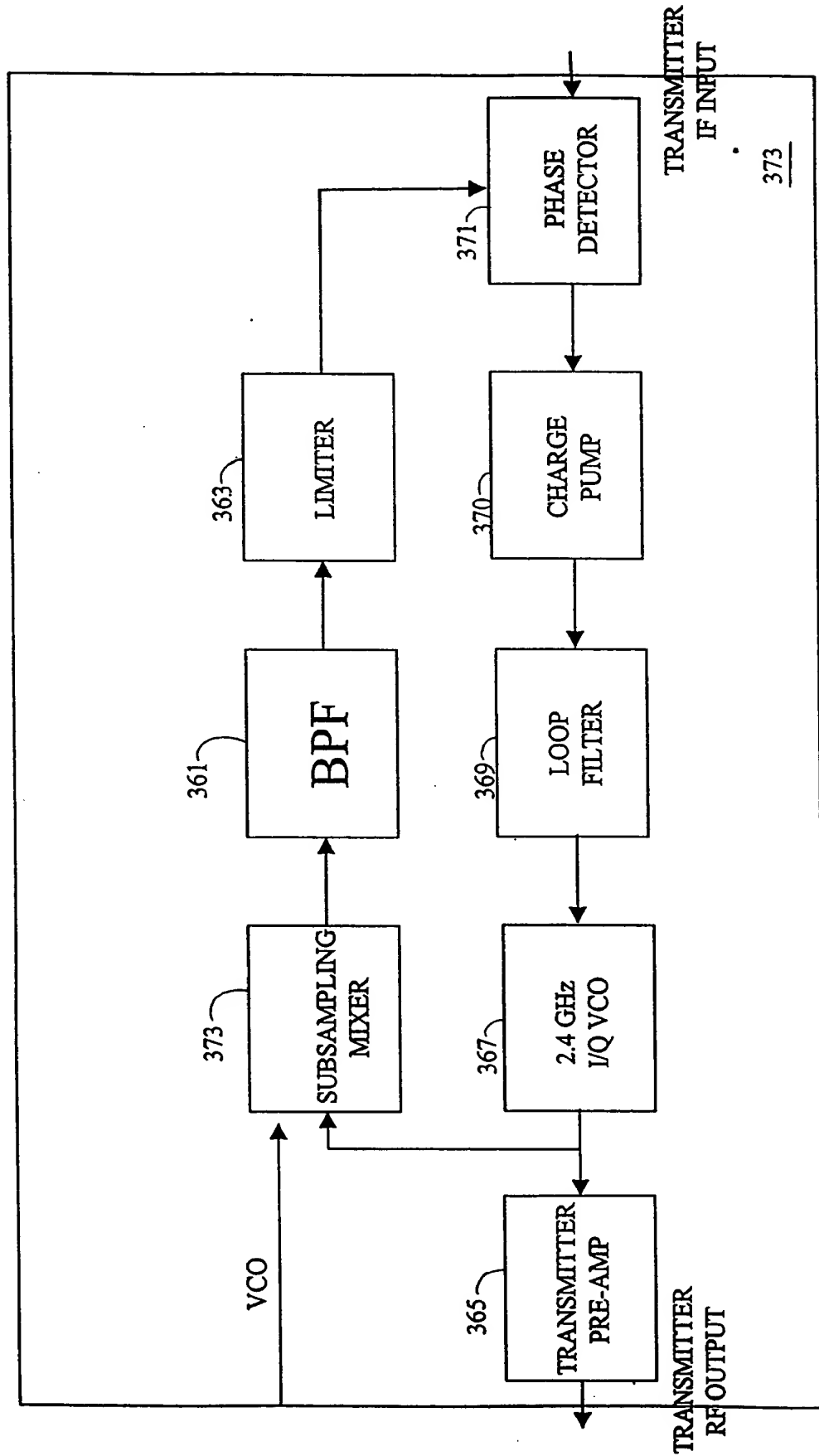
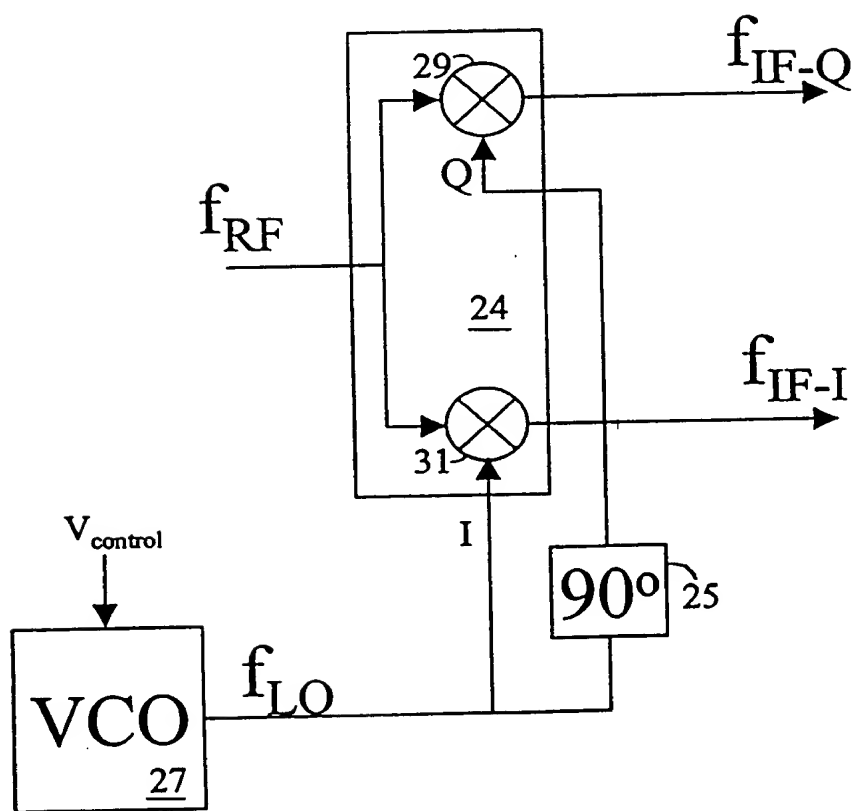
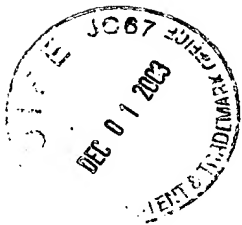
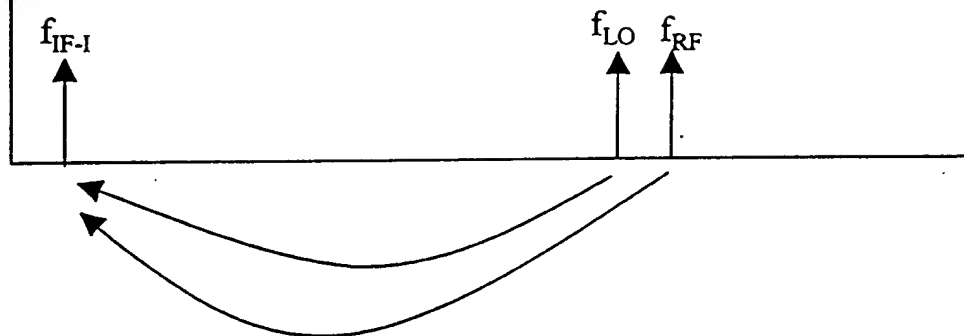
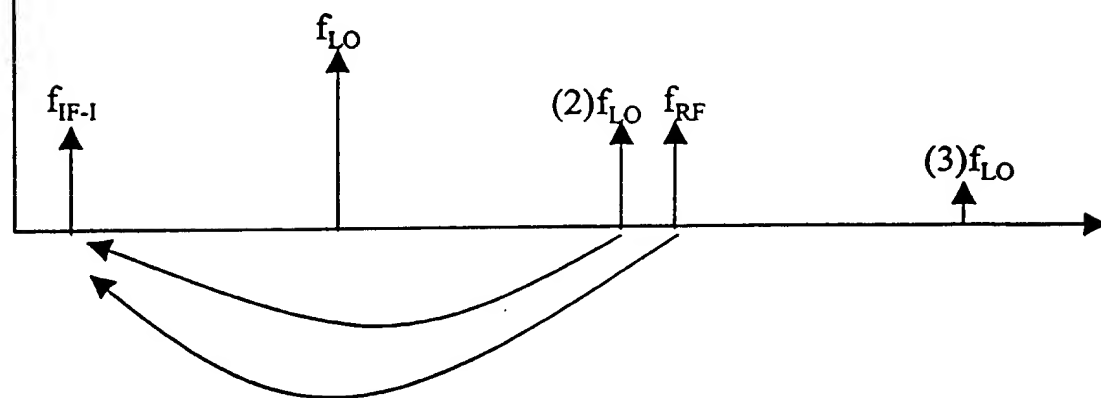




FIG. 30d



*Fig. 30e*

*Fig. 30f**Fig. 30g*

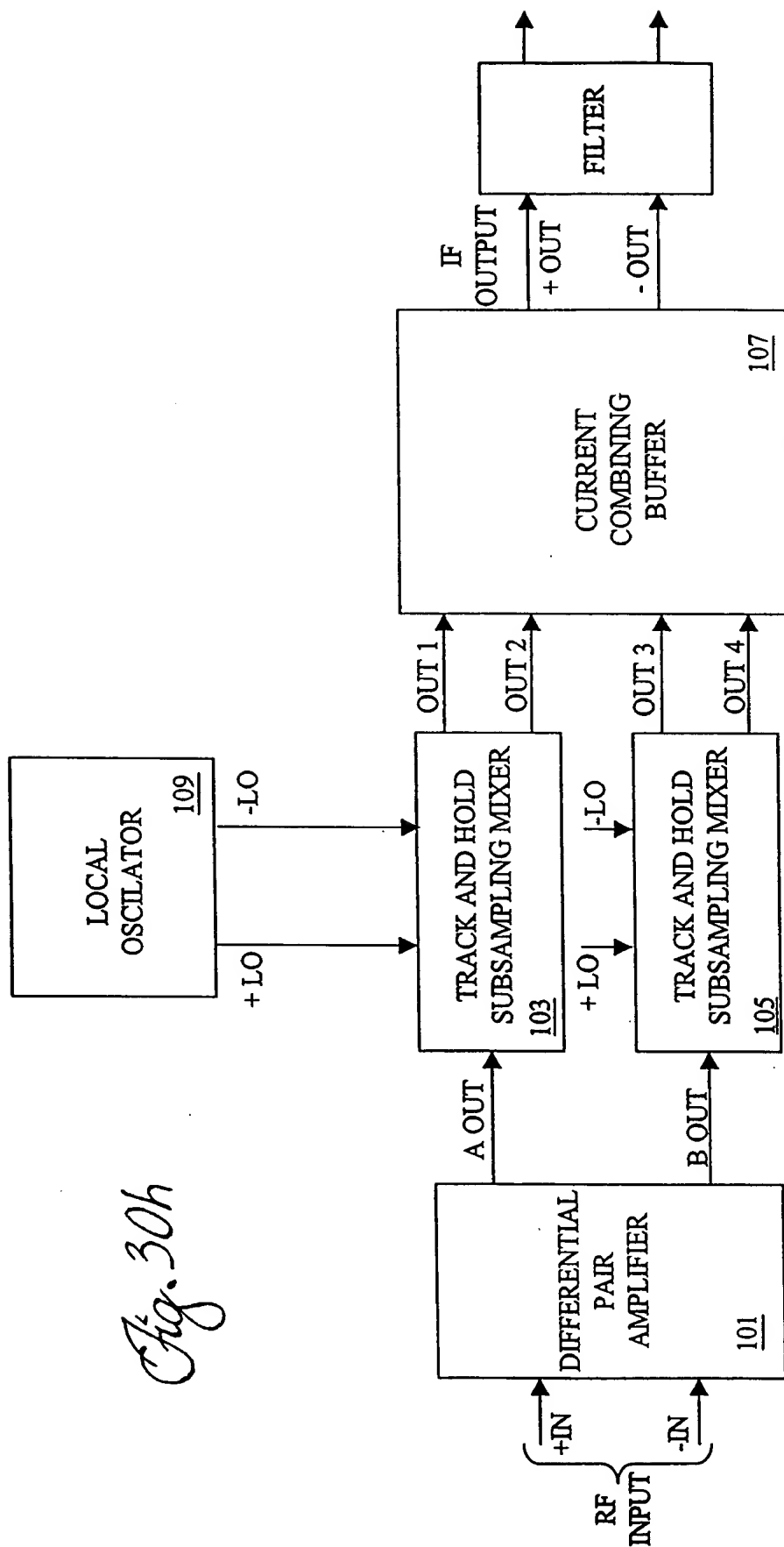
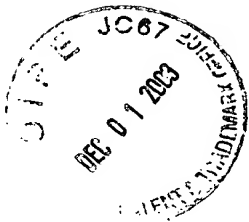
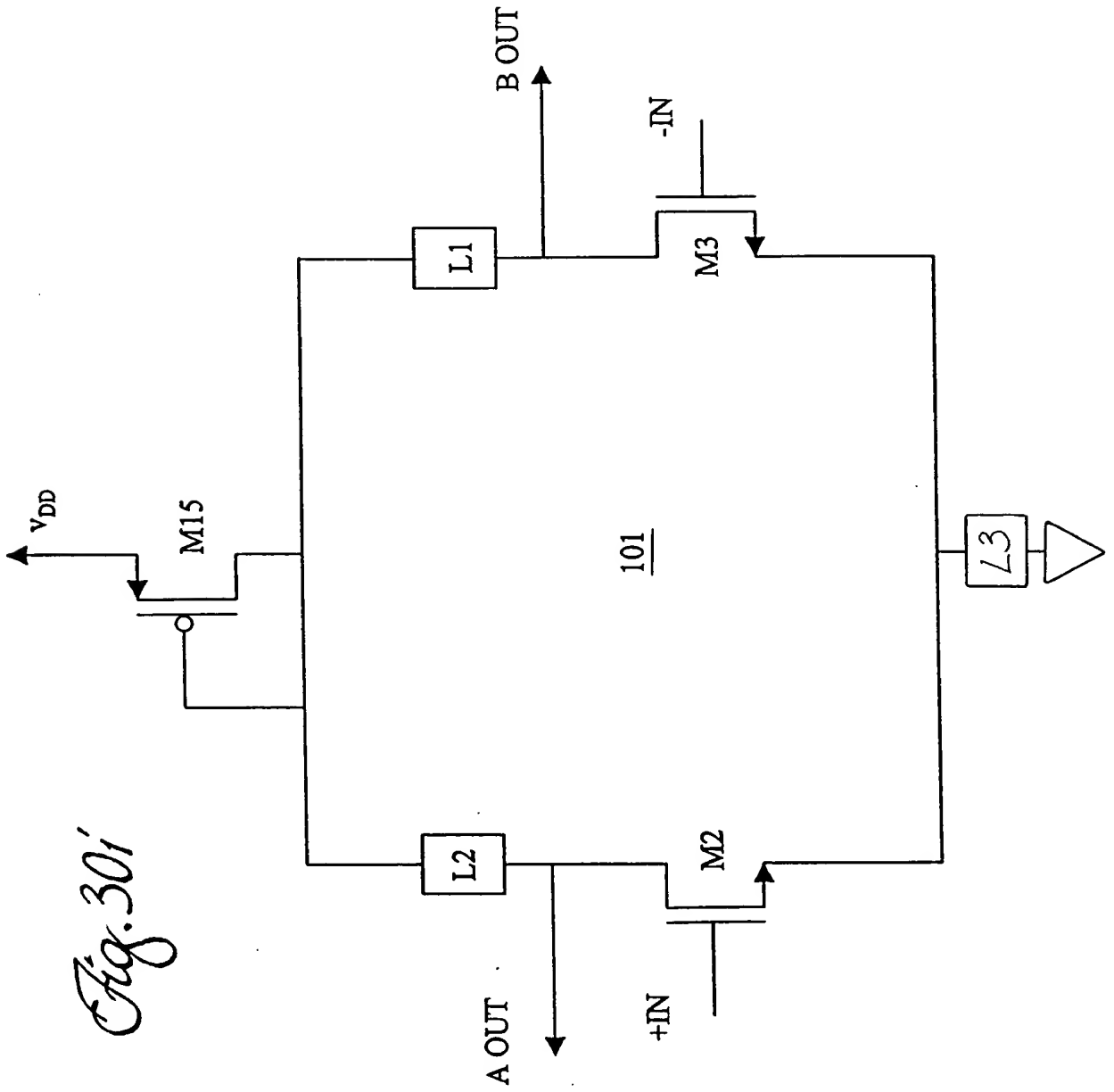
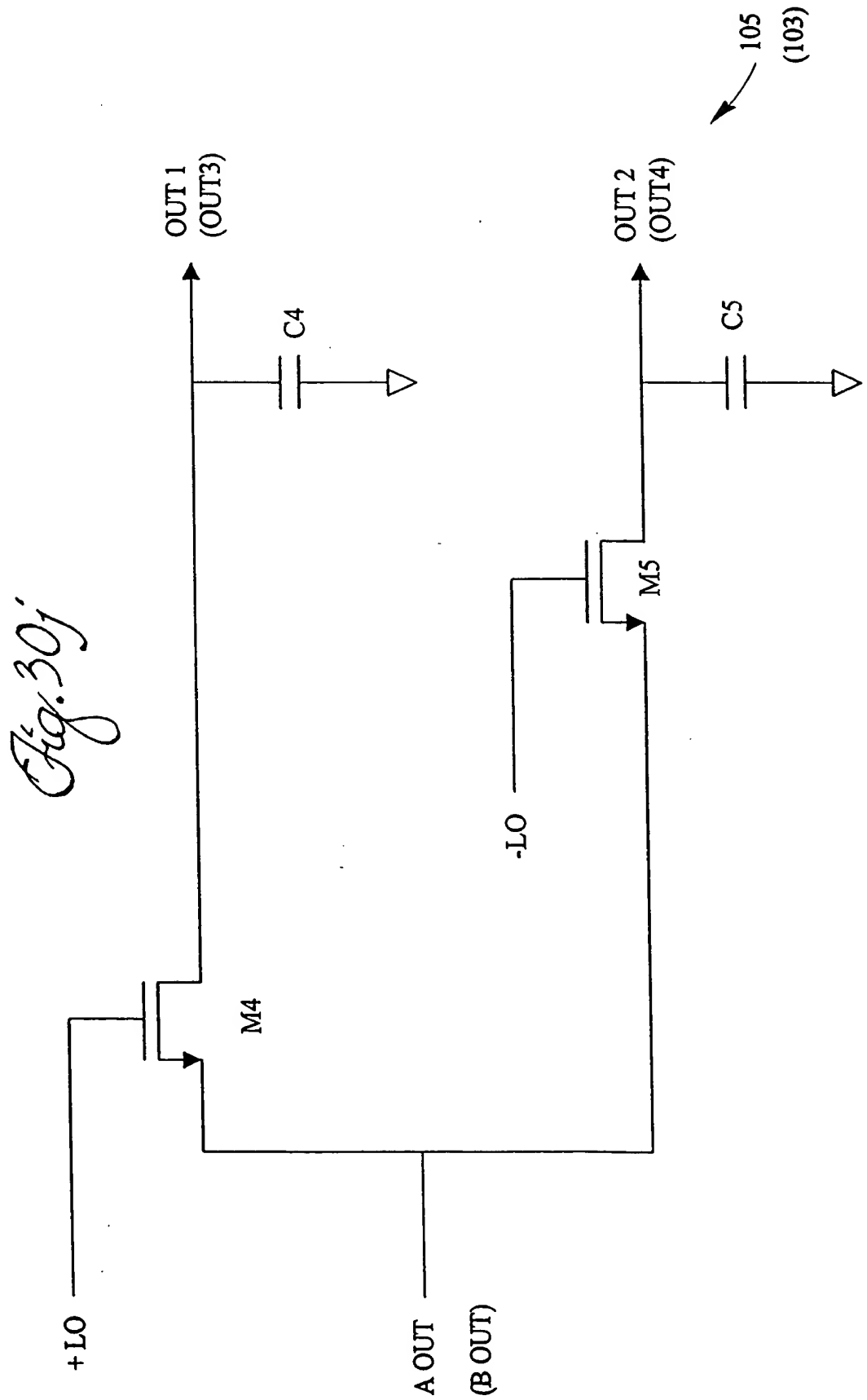


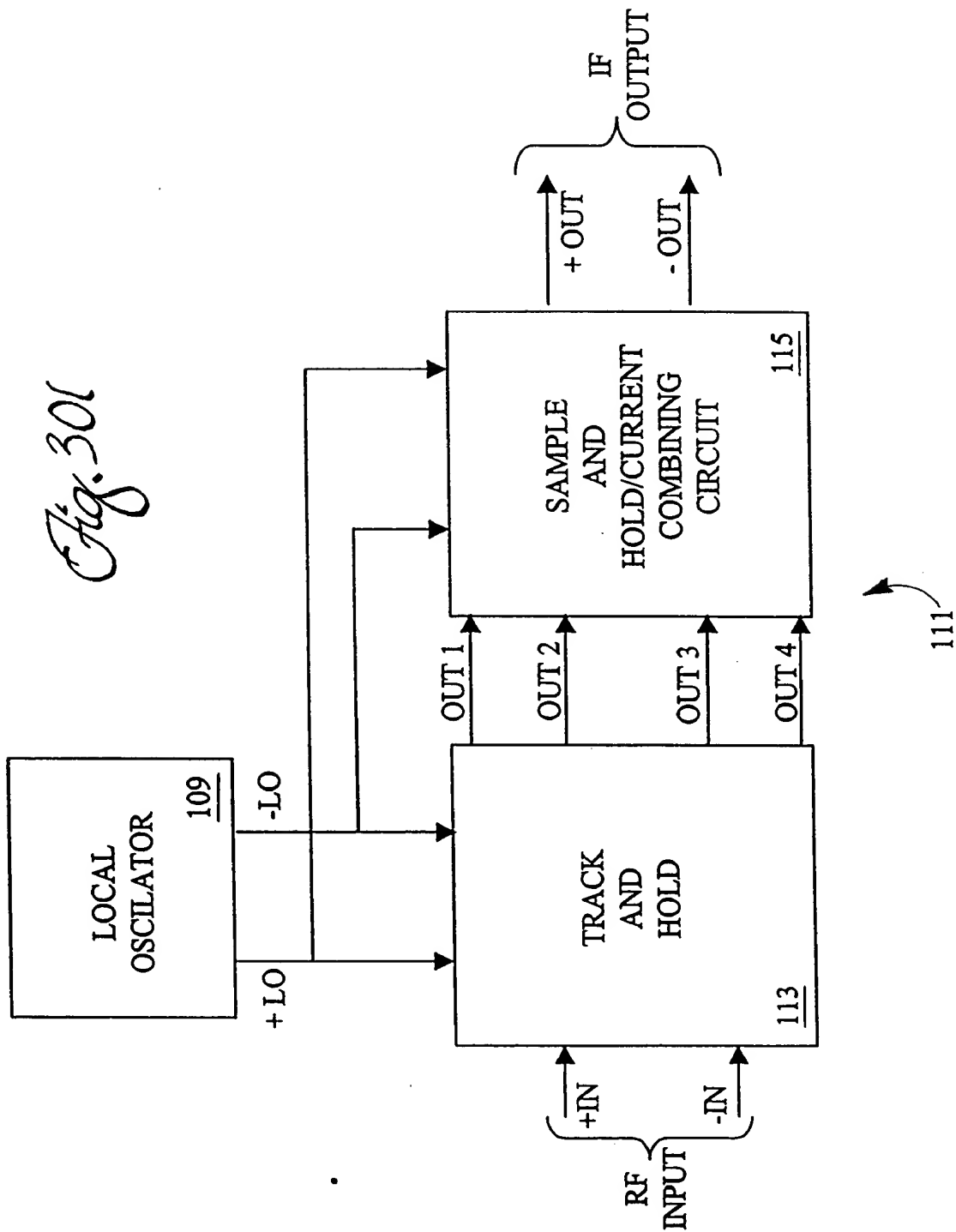
Fig. 30h



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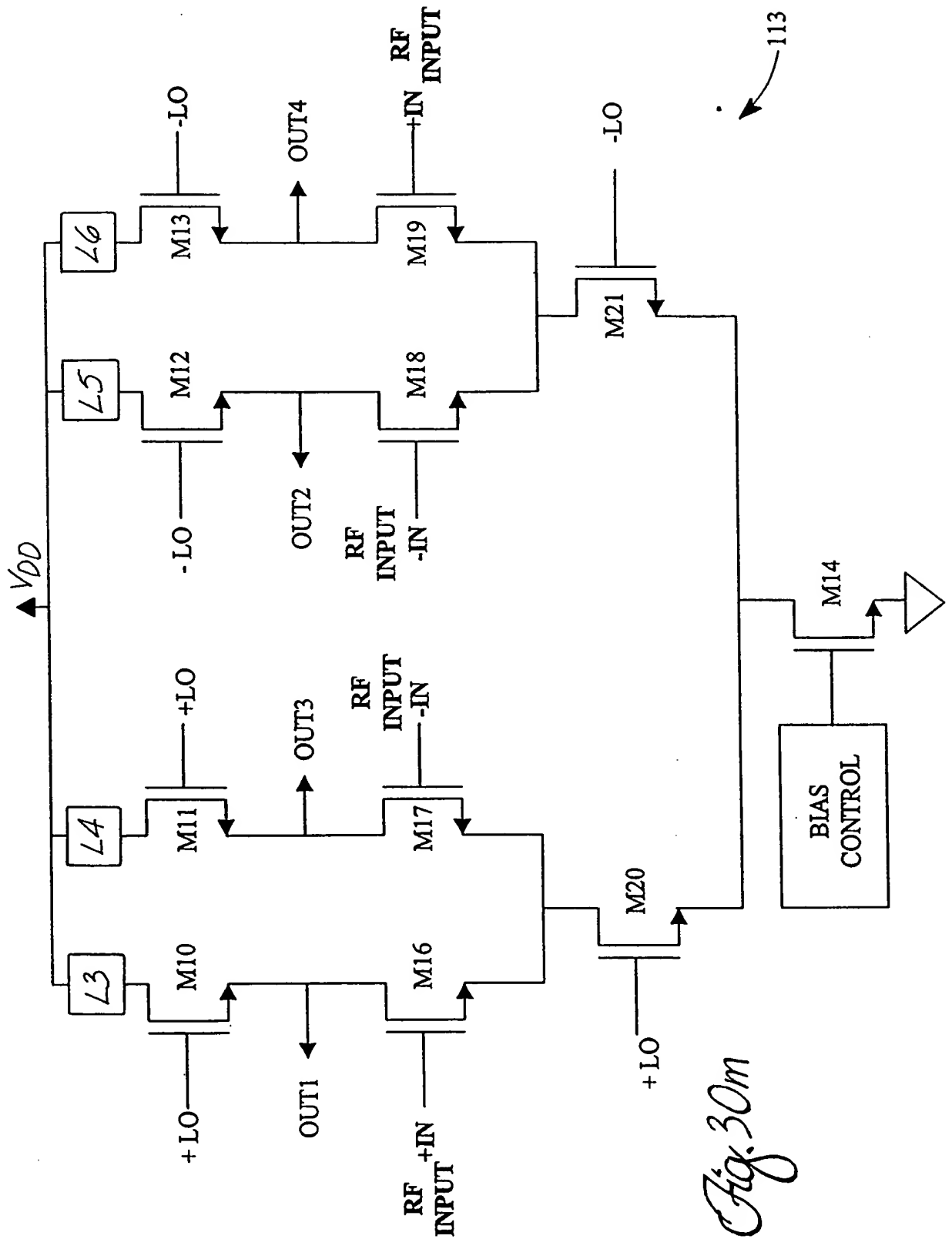


Fig. 30m

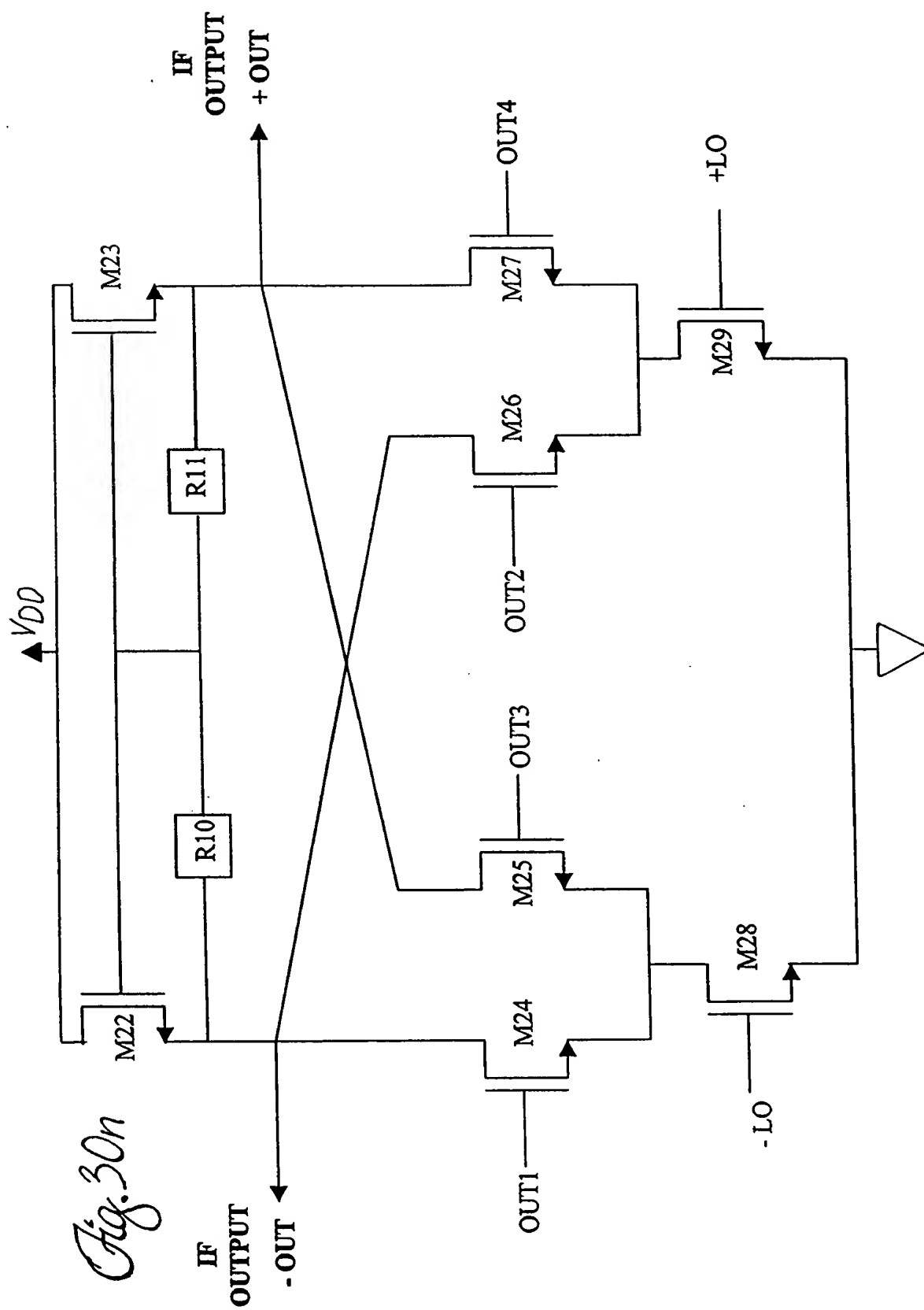


FIG. 31b

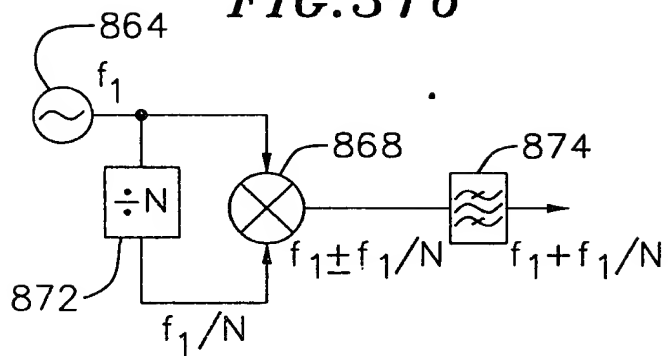


FIG. 32

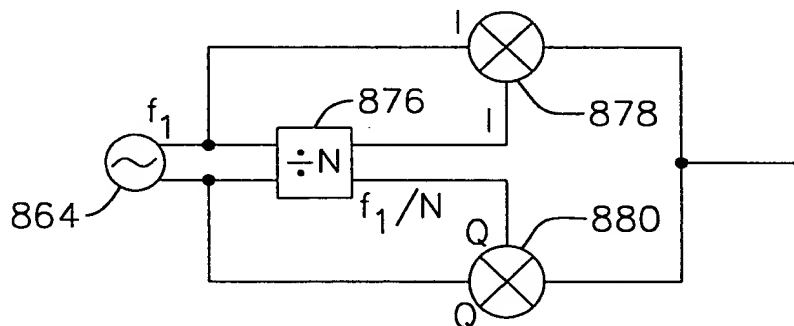
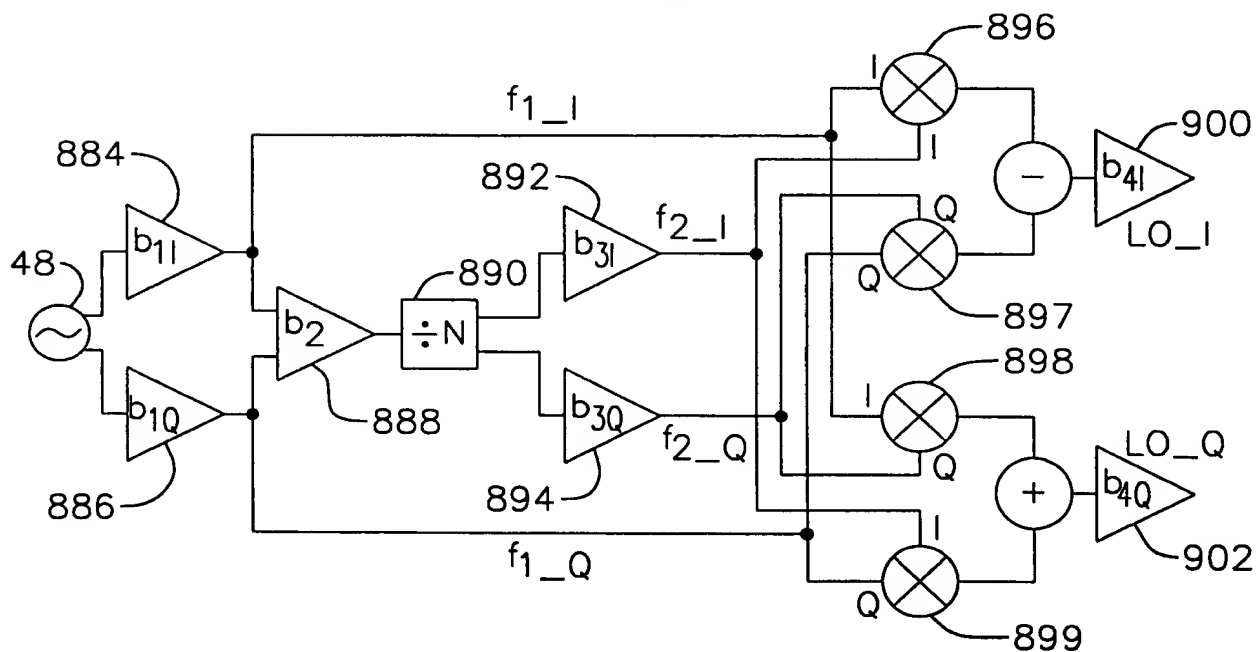


FIG. 33



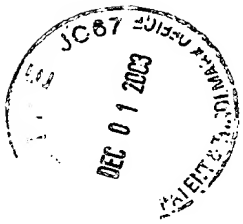
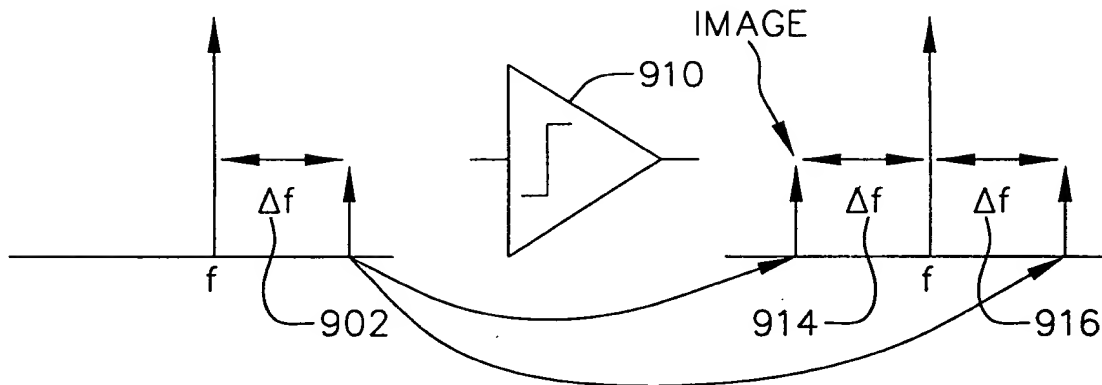
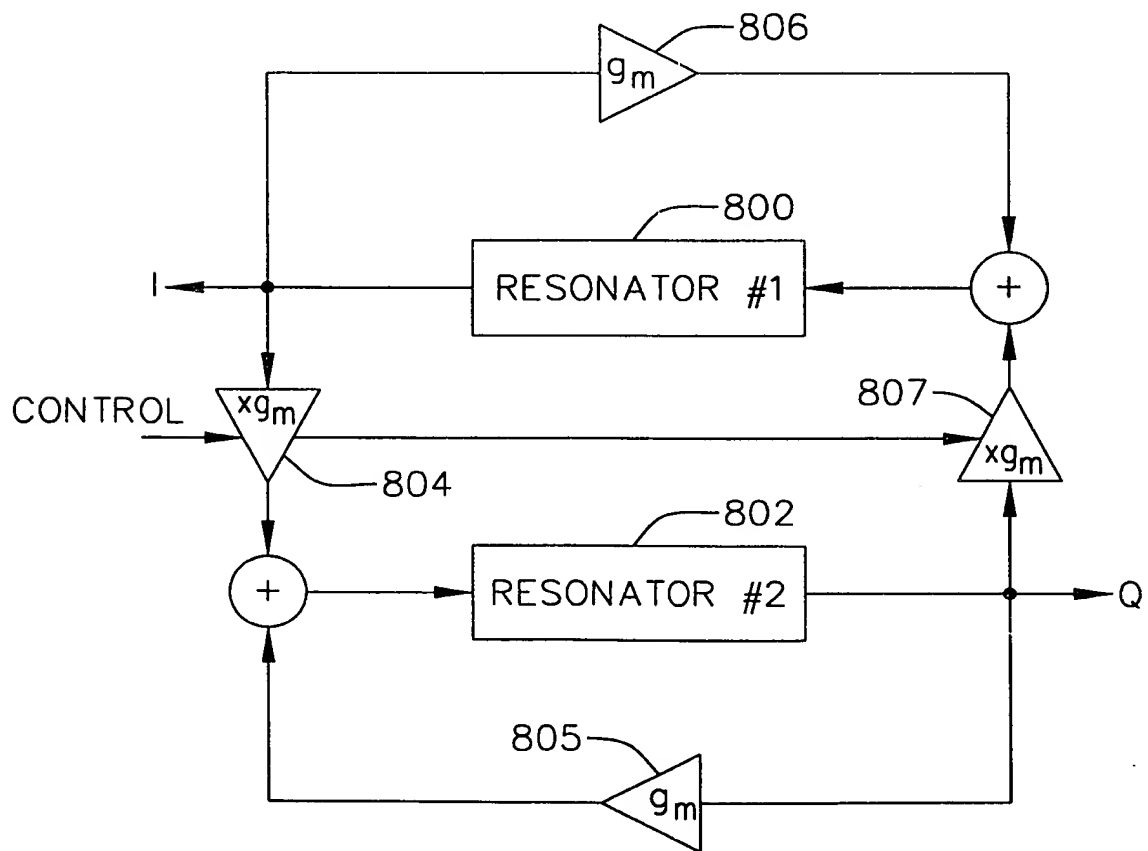
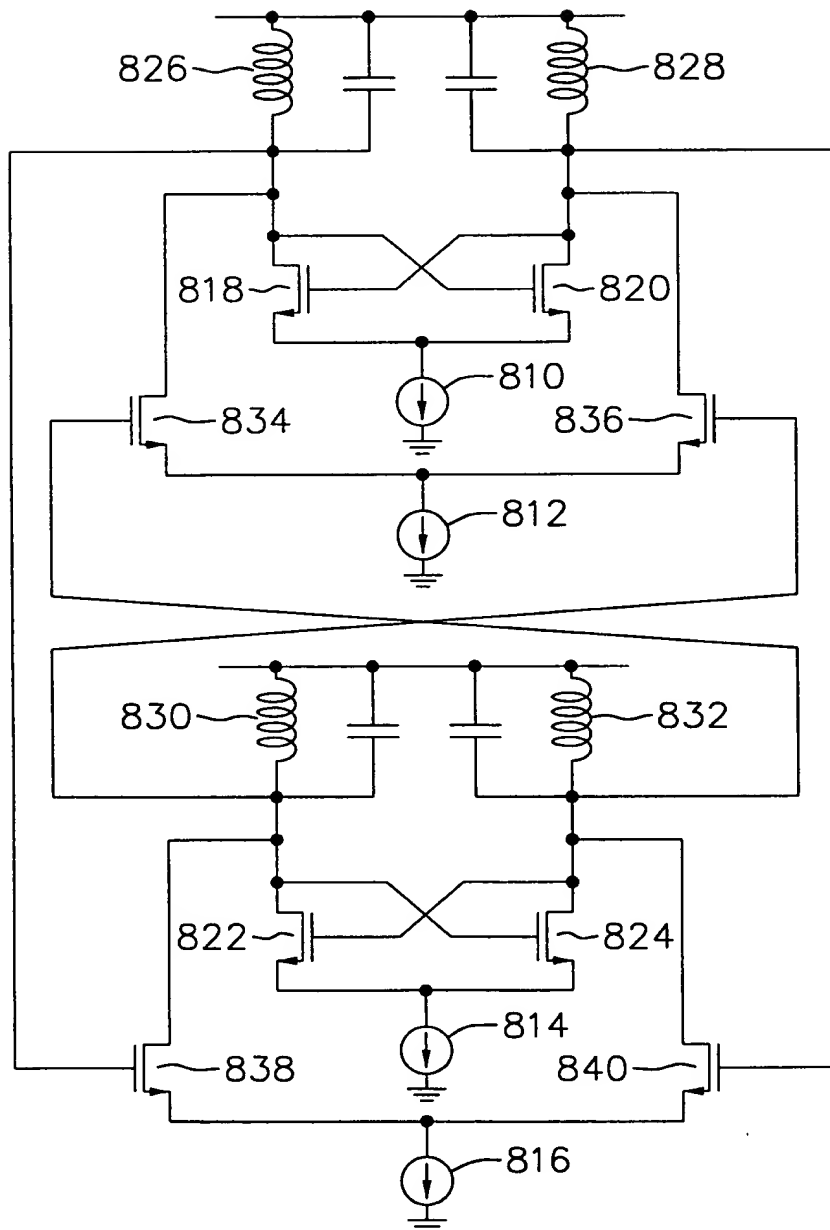
**FIG. 33b****FIG. 34**



FIG. 35



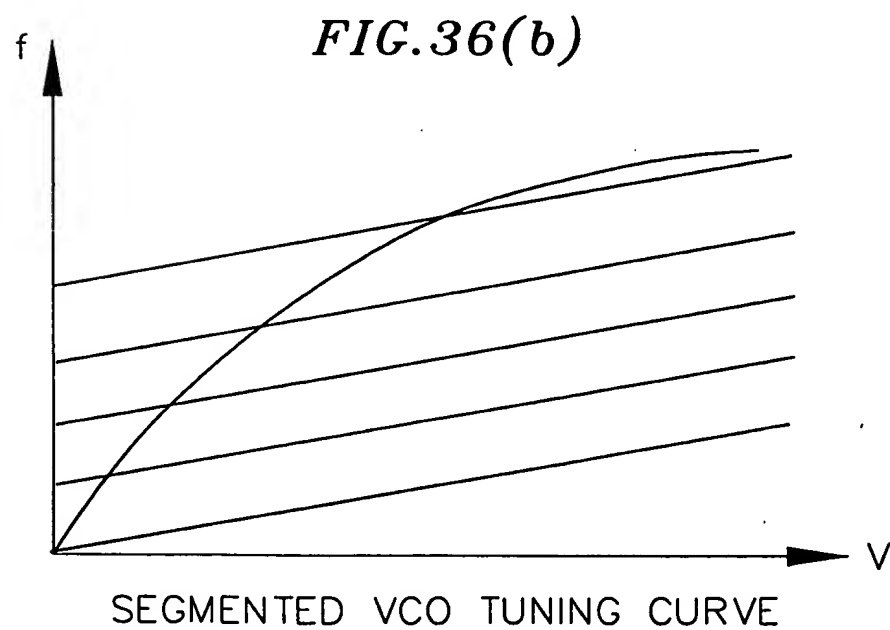
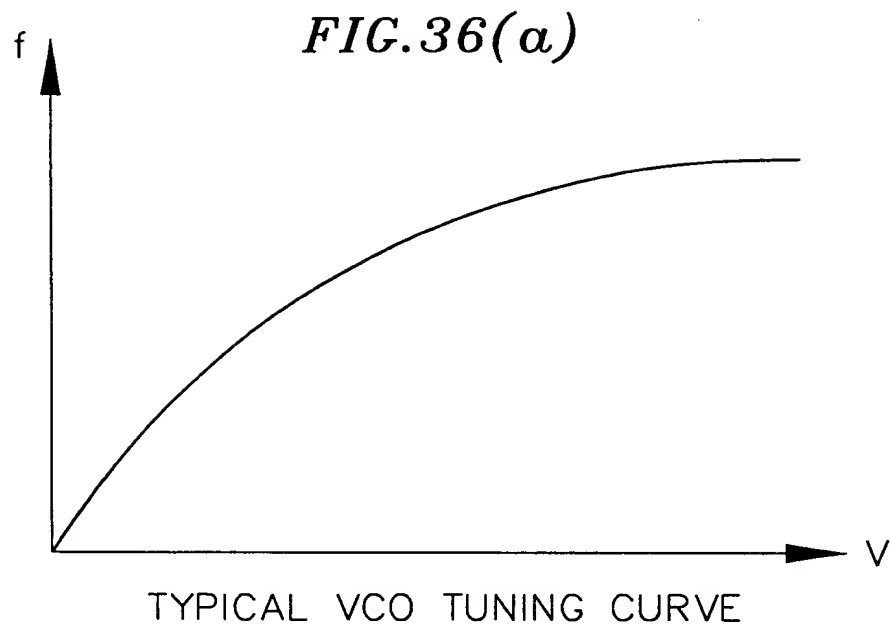


FIG.37a

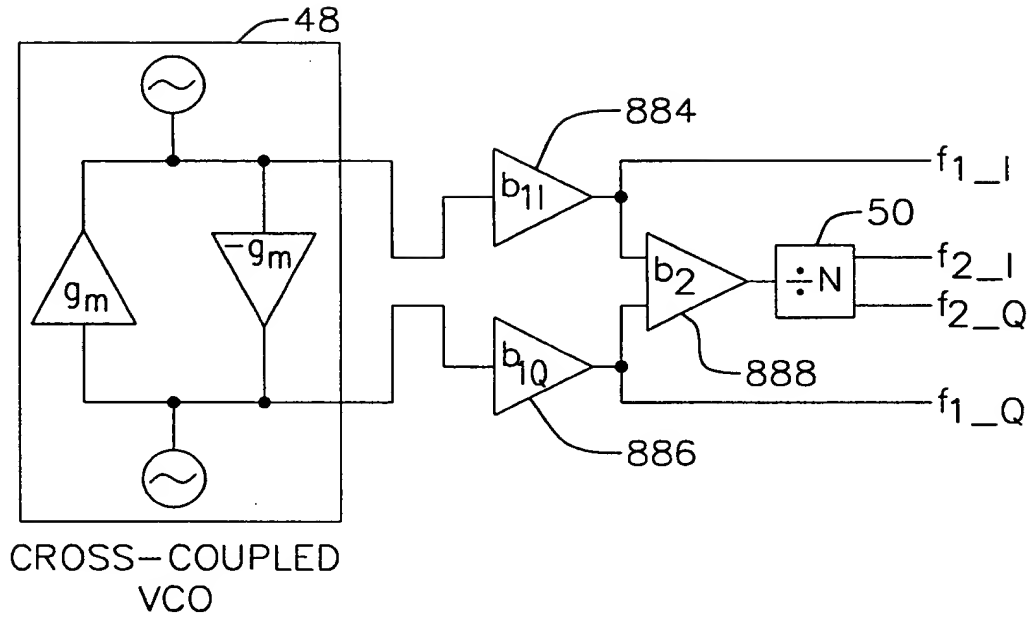
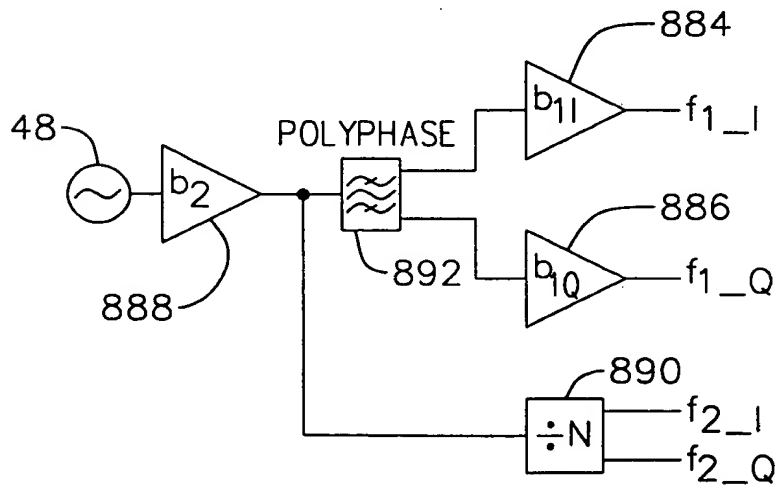
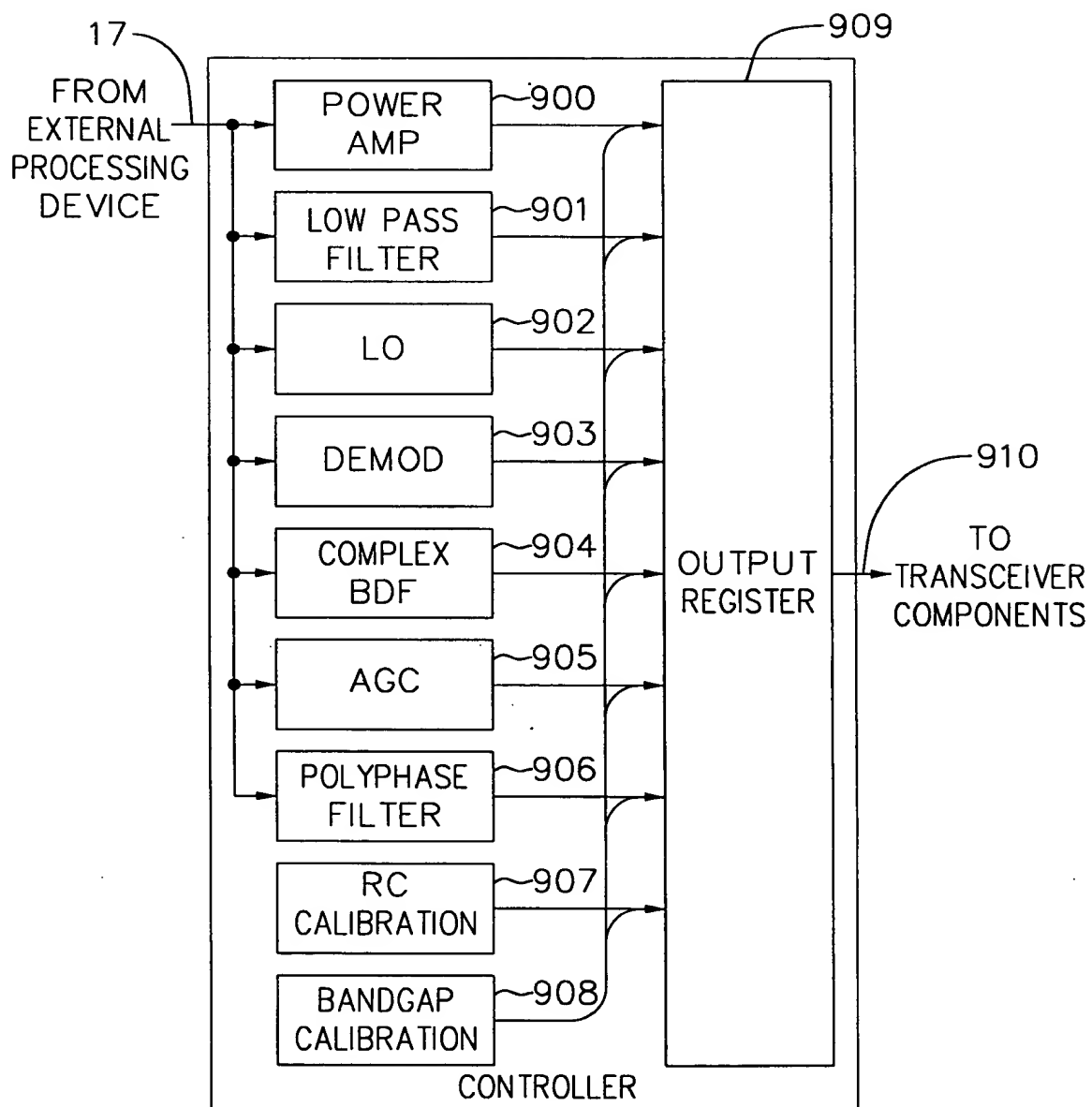
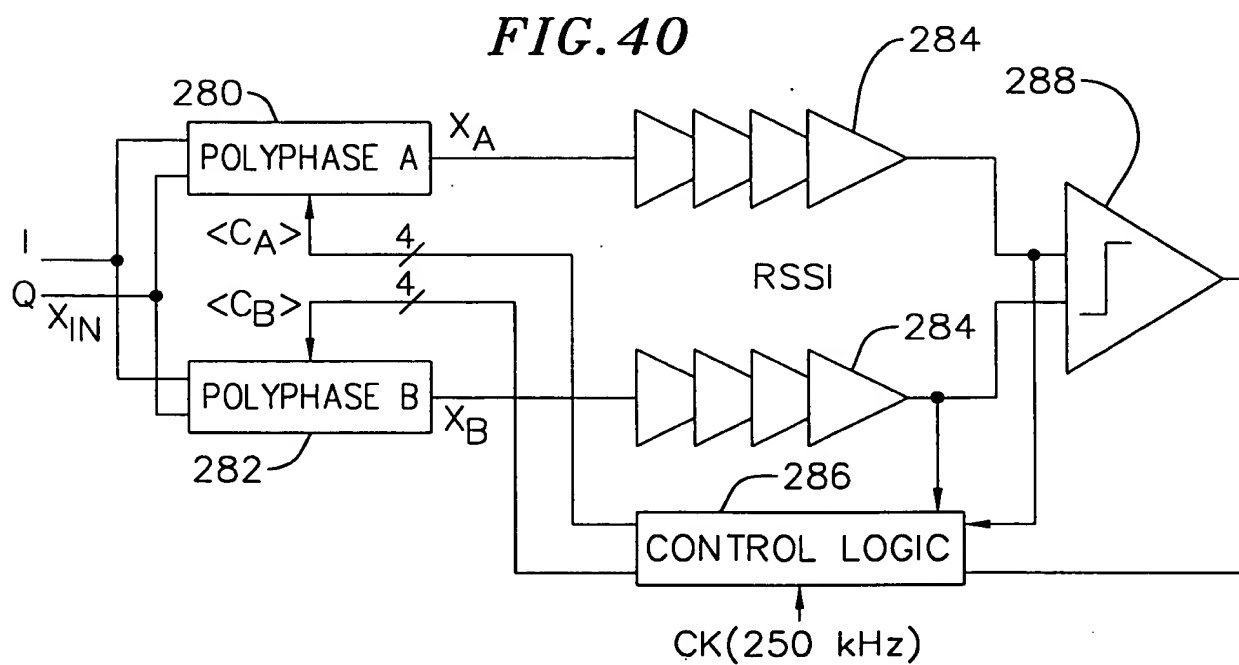
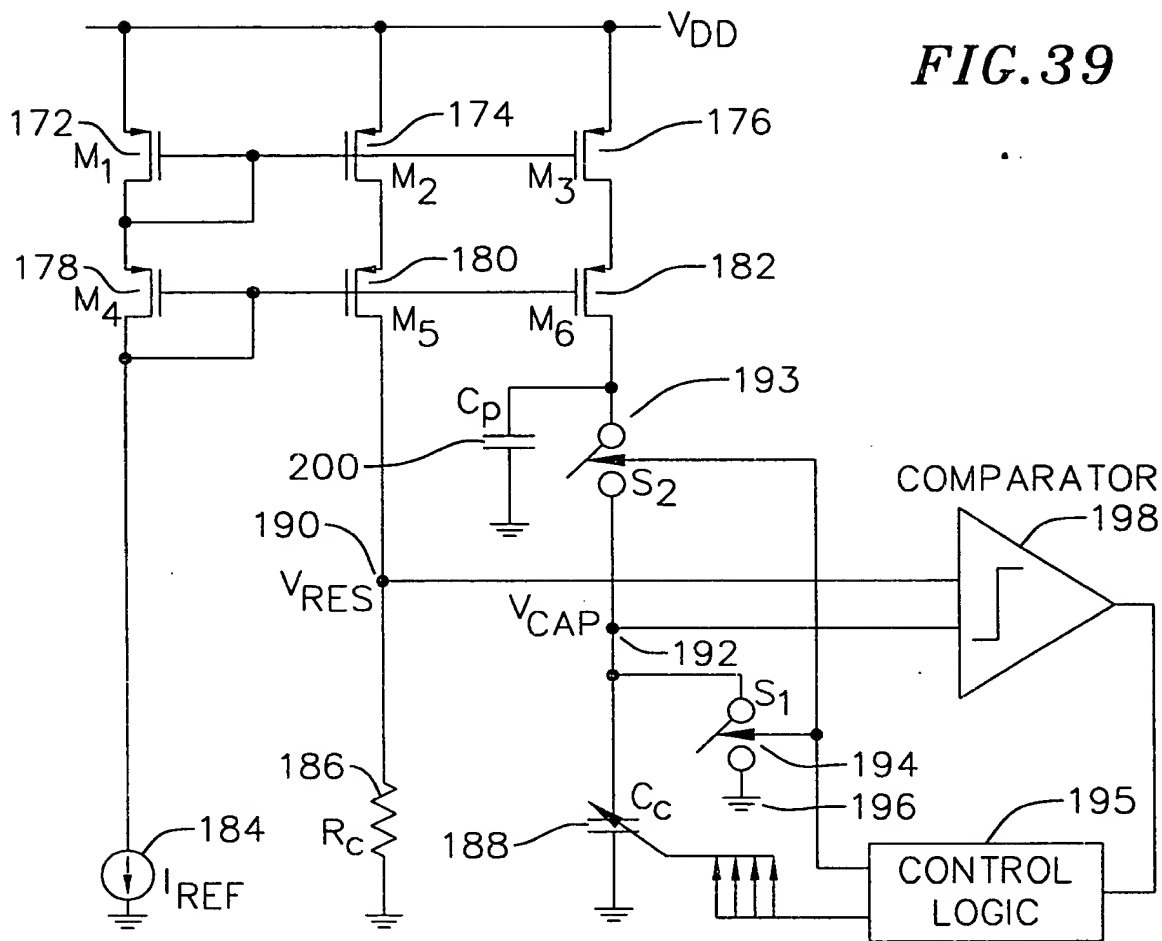


FIG.37b



**FIG. 38**



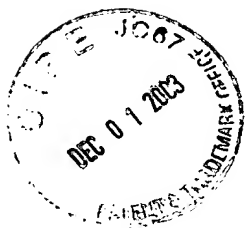
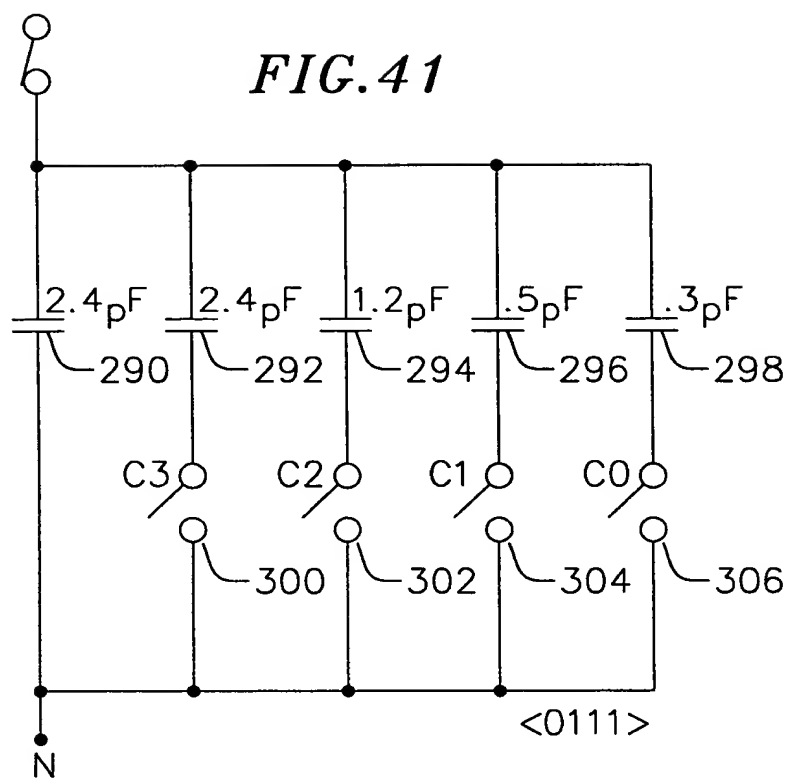
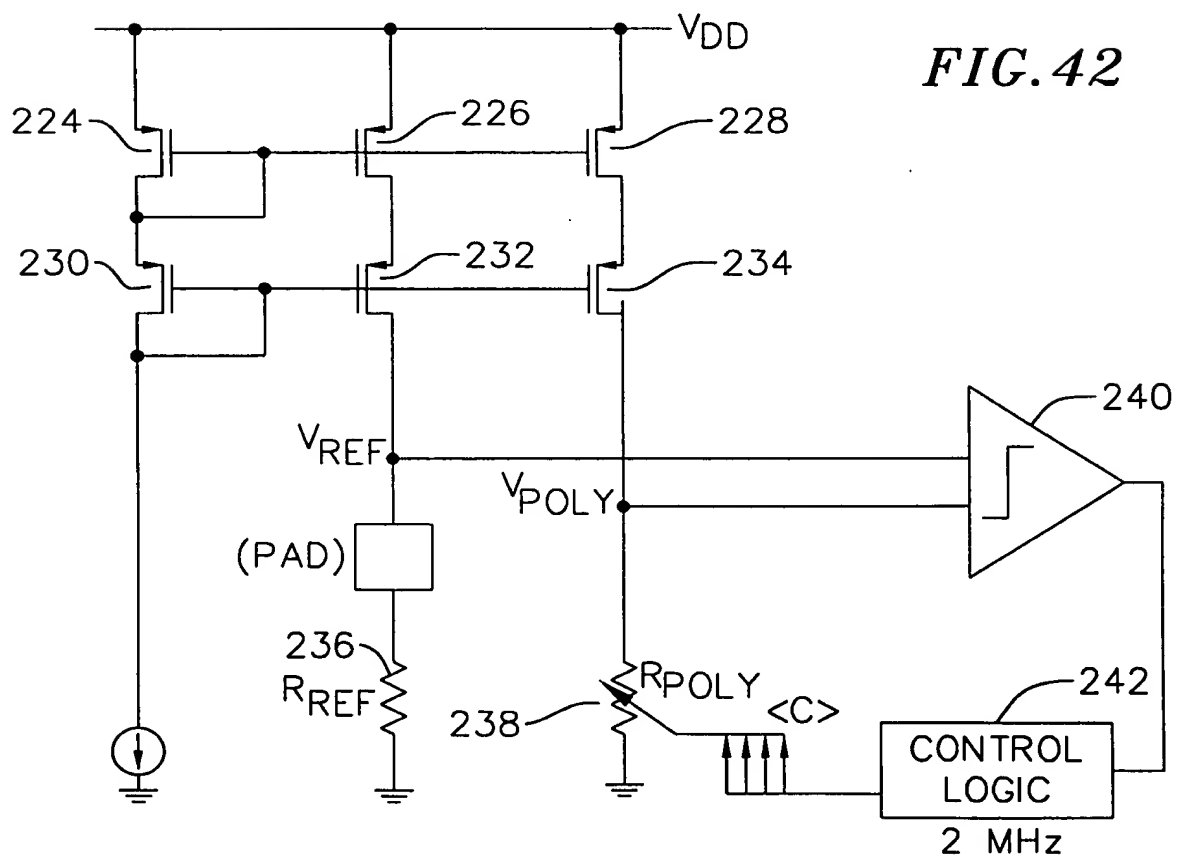
**FIG. 41****FIG. 42**

FIG. 43

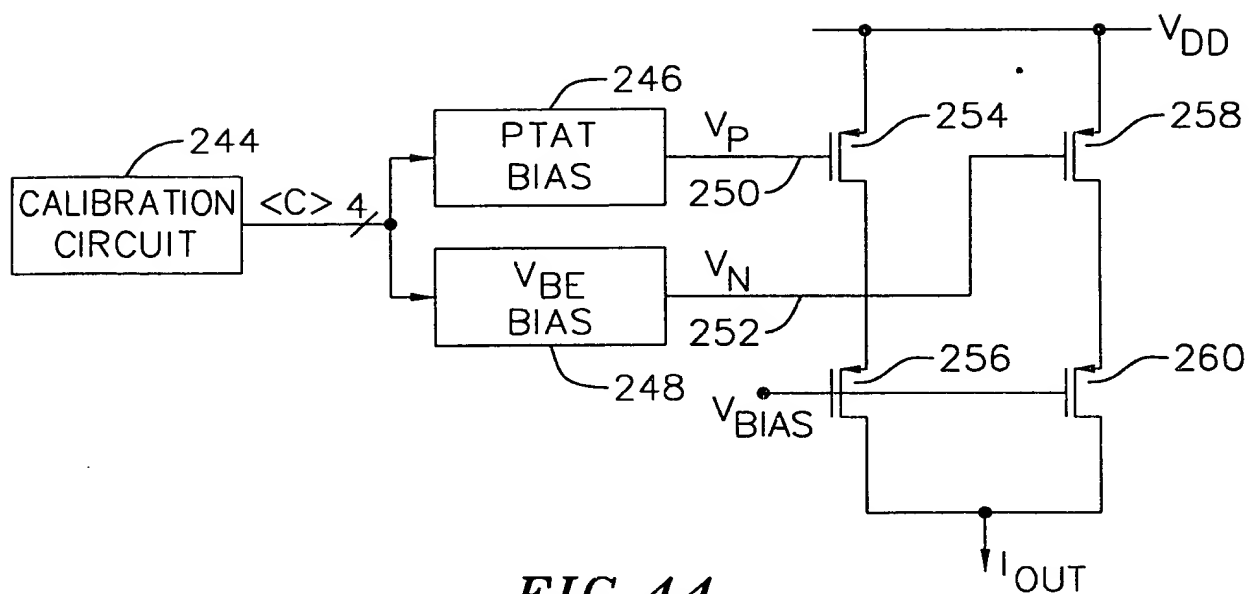


FIG. 44

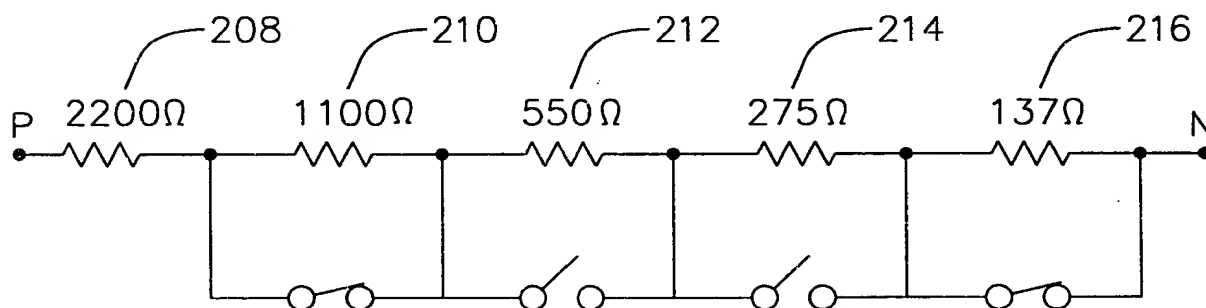
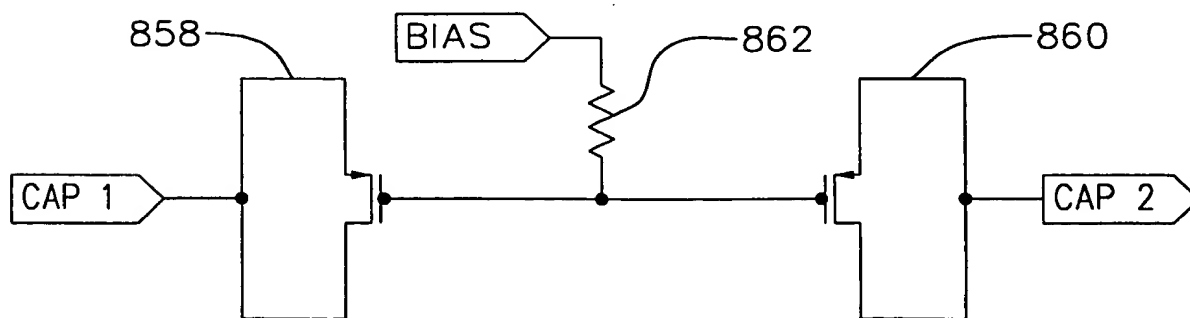


FIG. 45



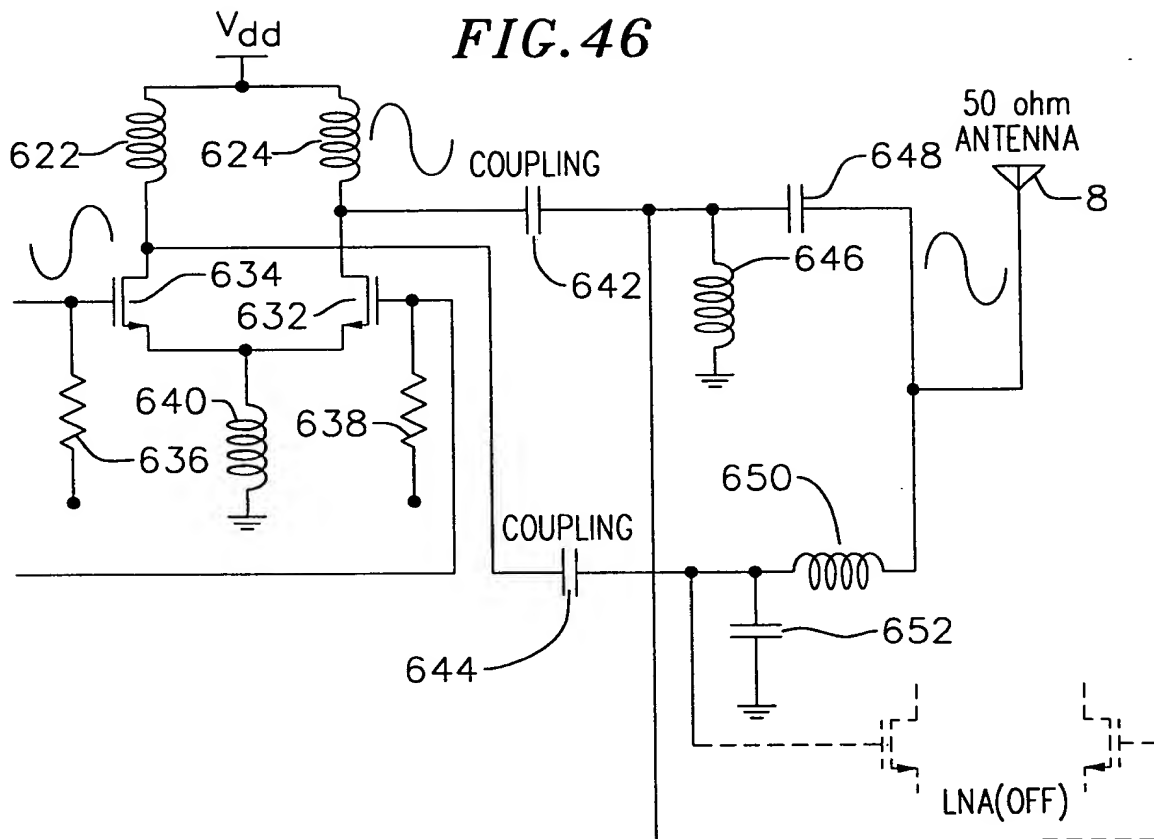
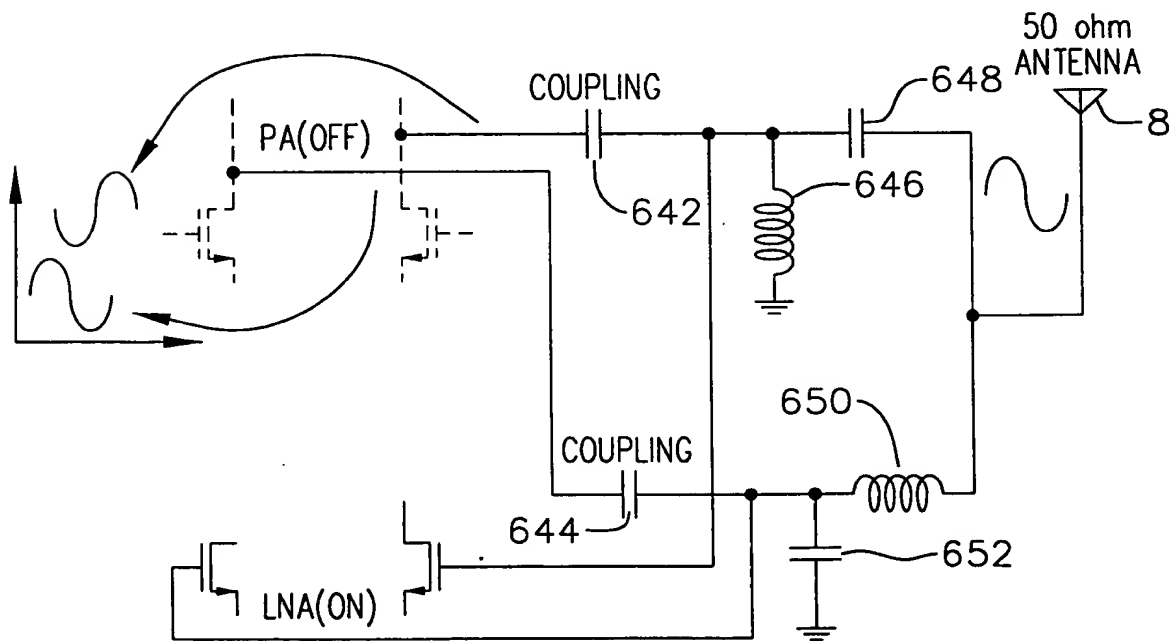
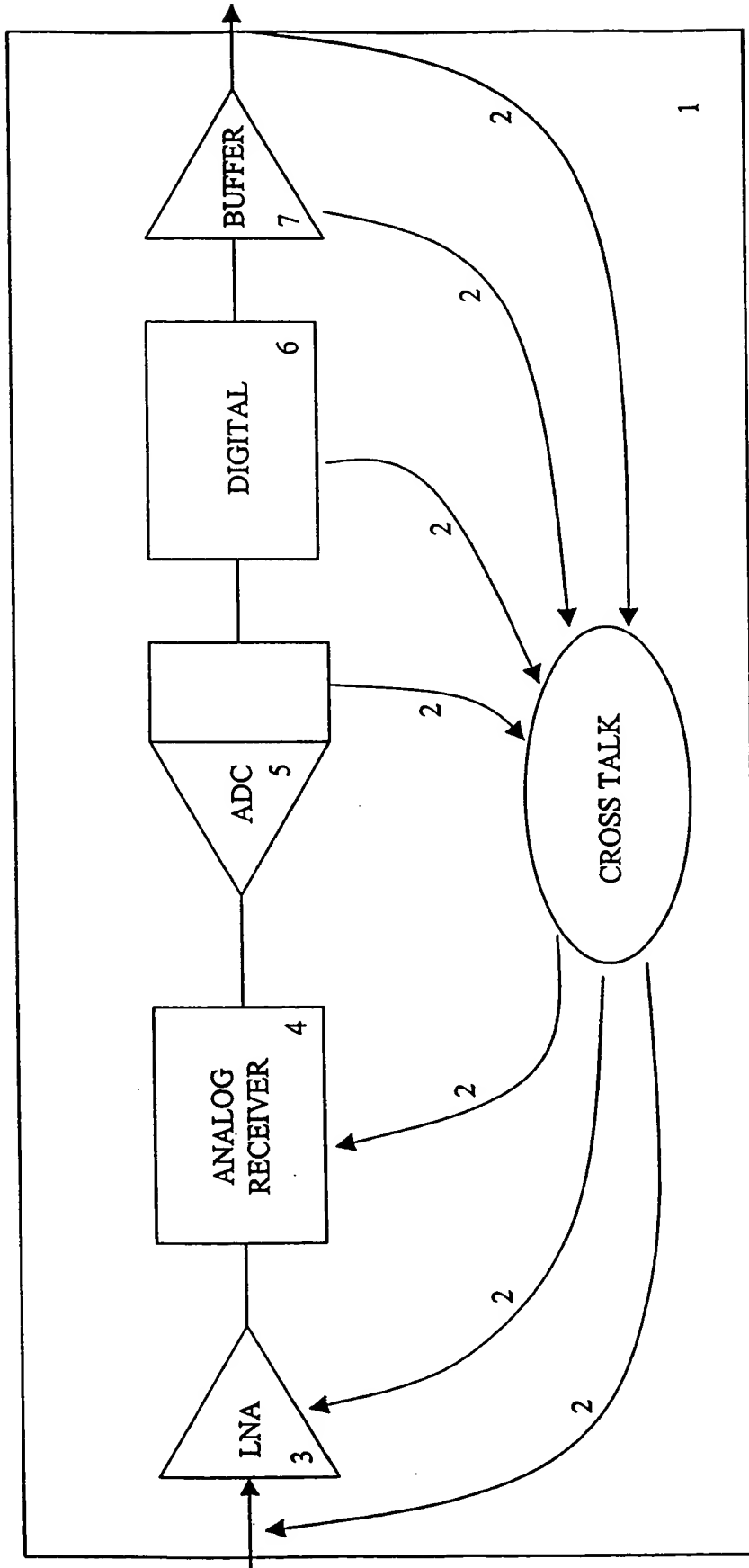
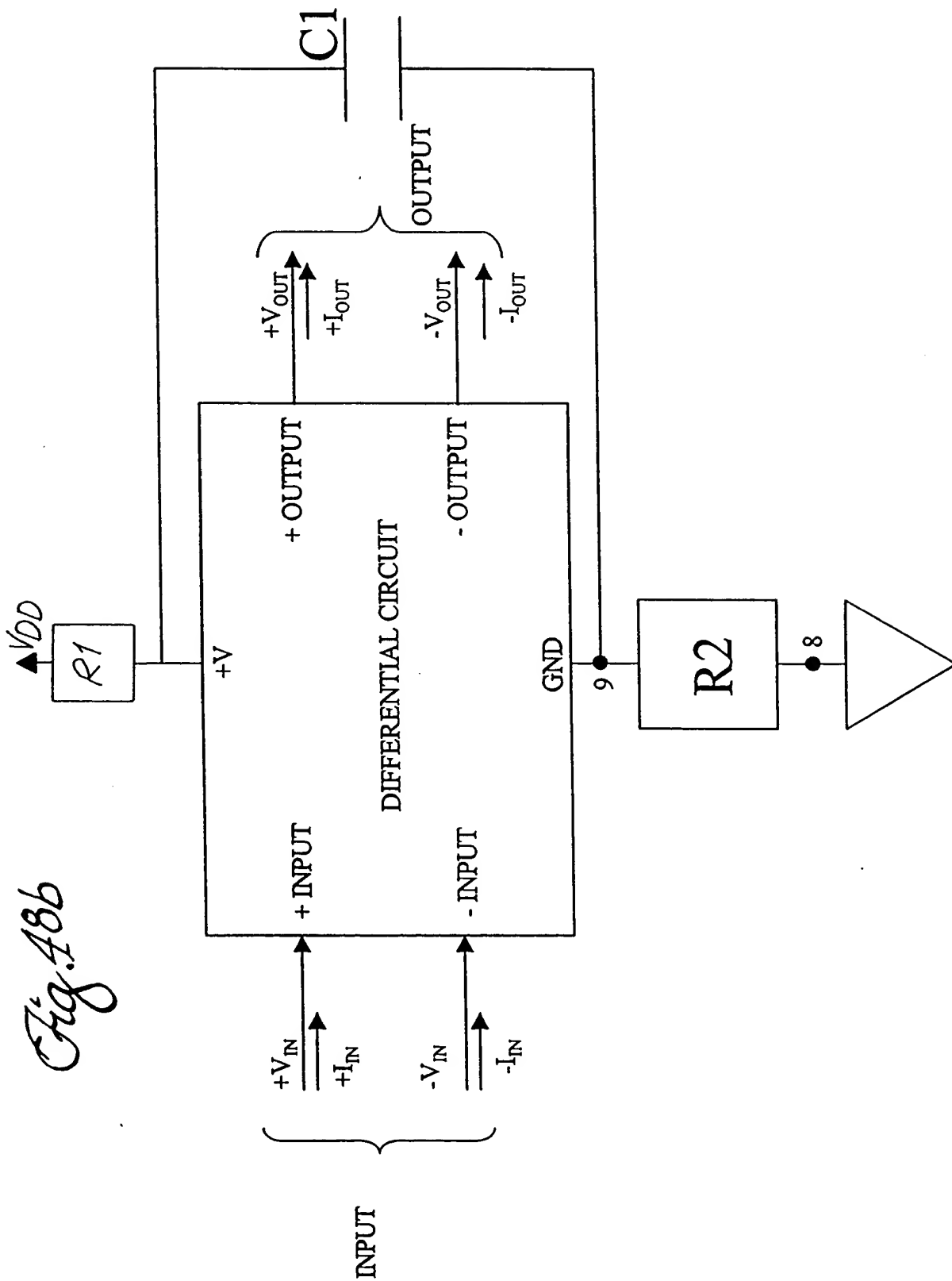
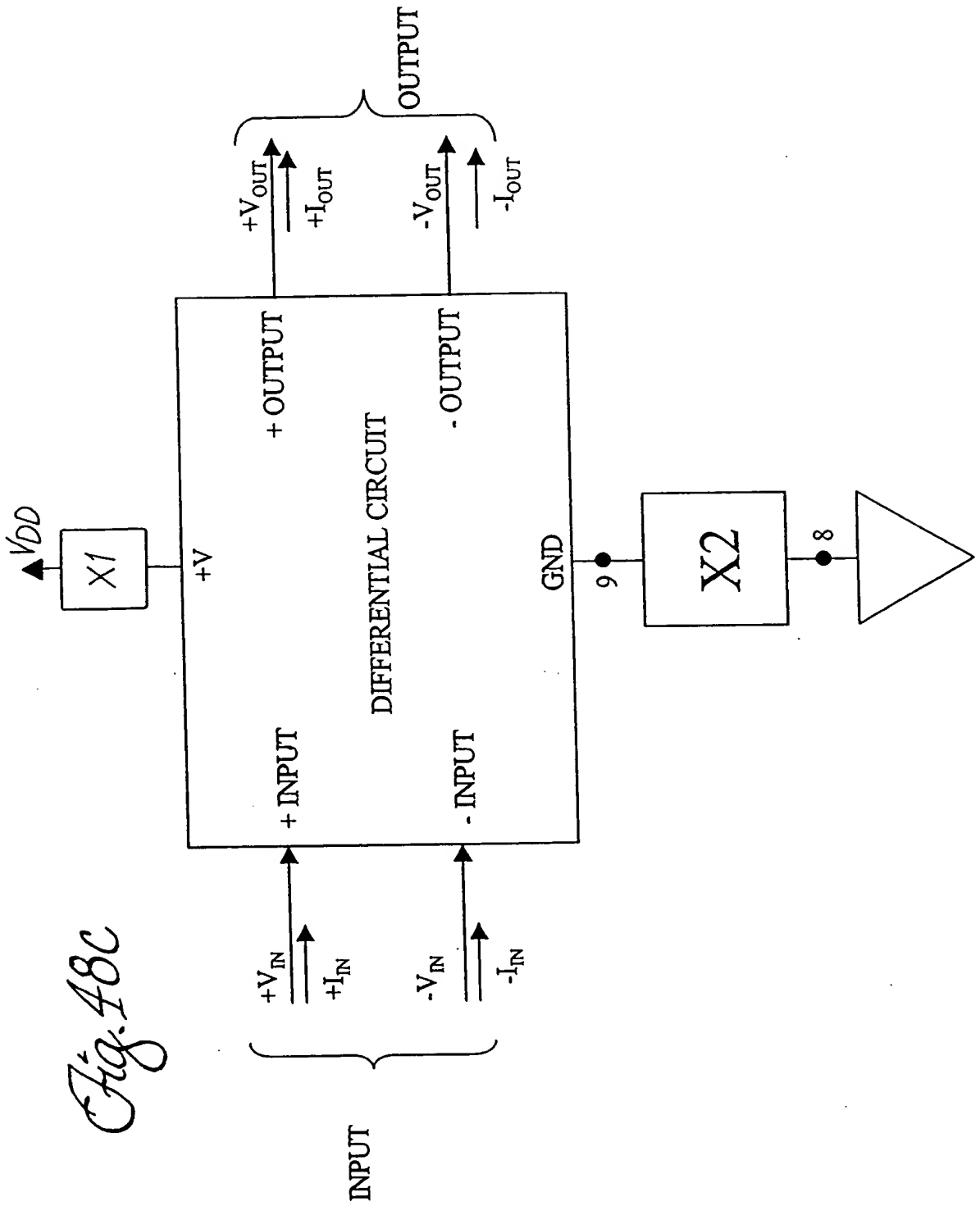
**FIG. 46****FIG. 47**

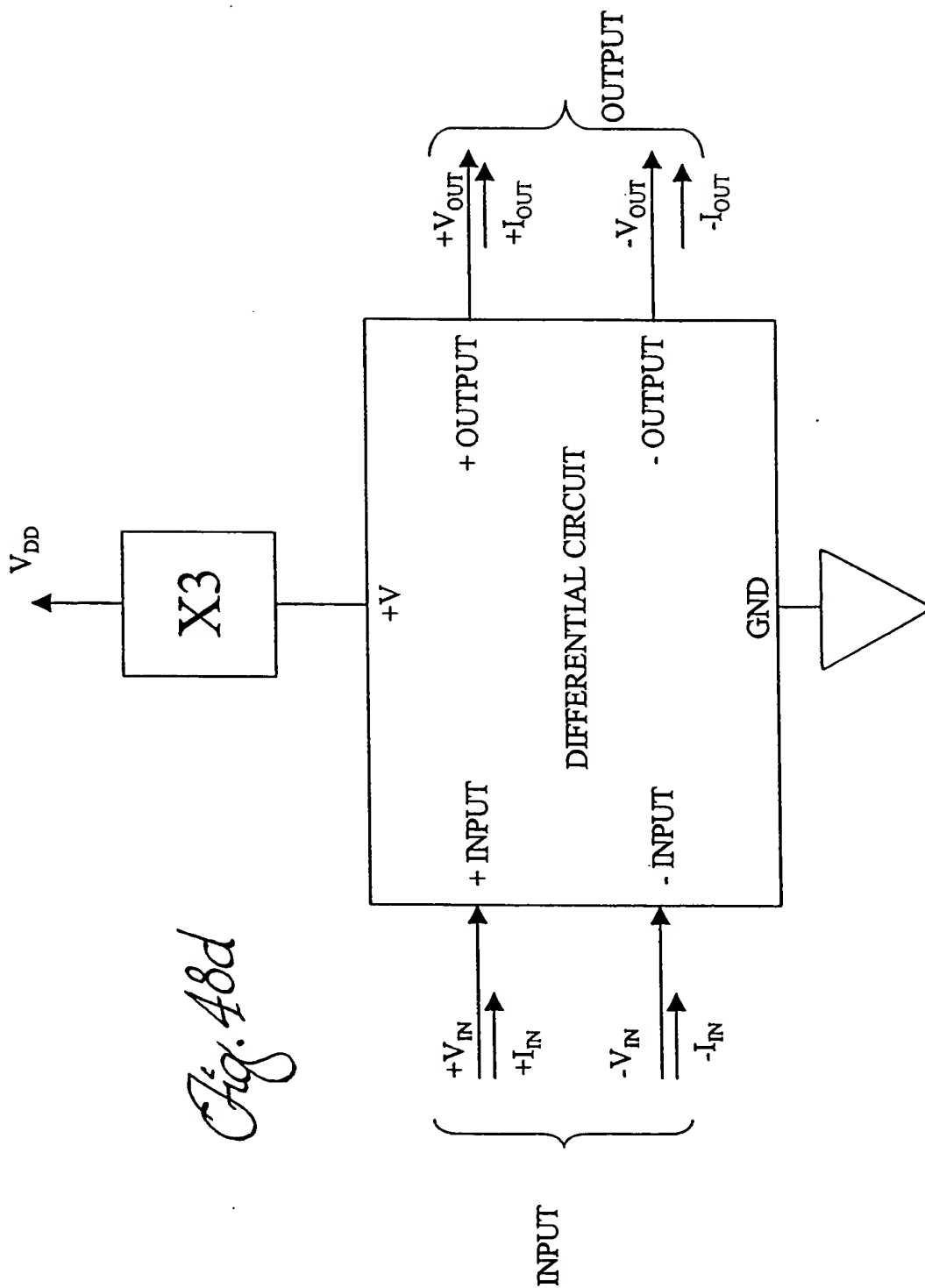


Fig. 48a









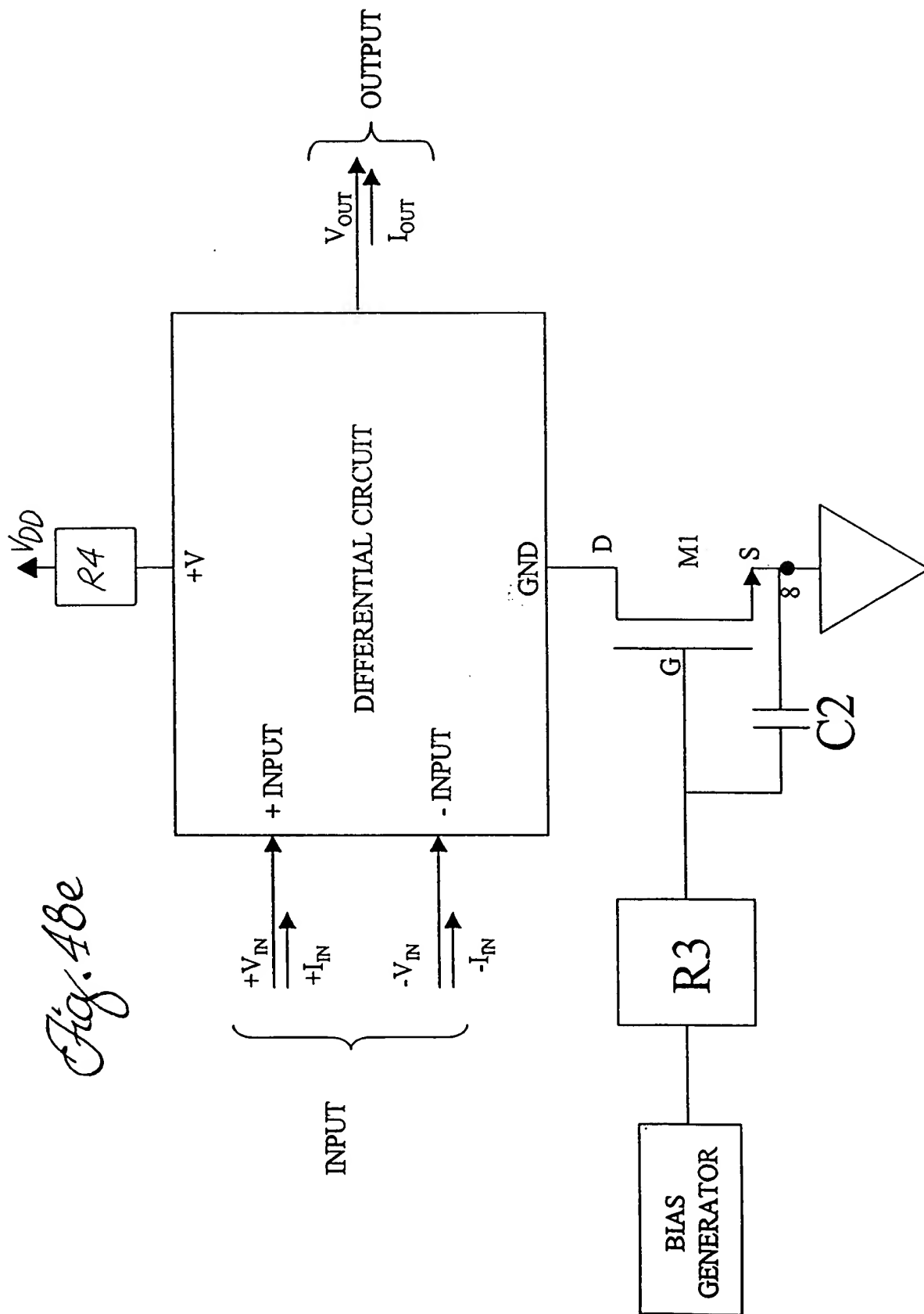


Fig. 48e

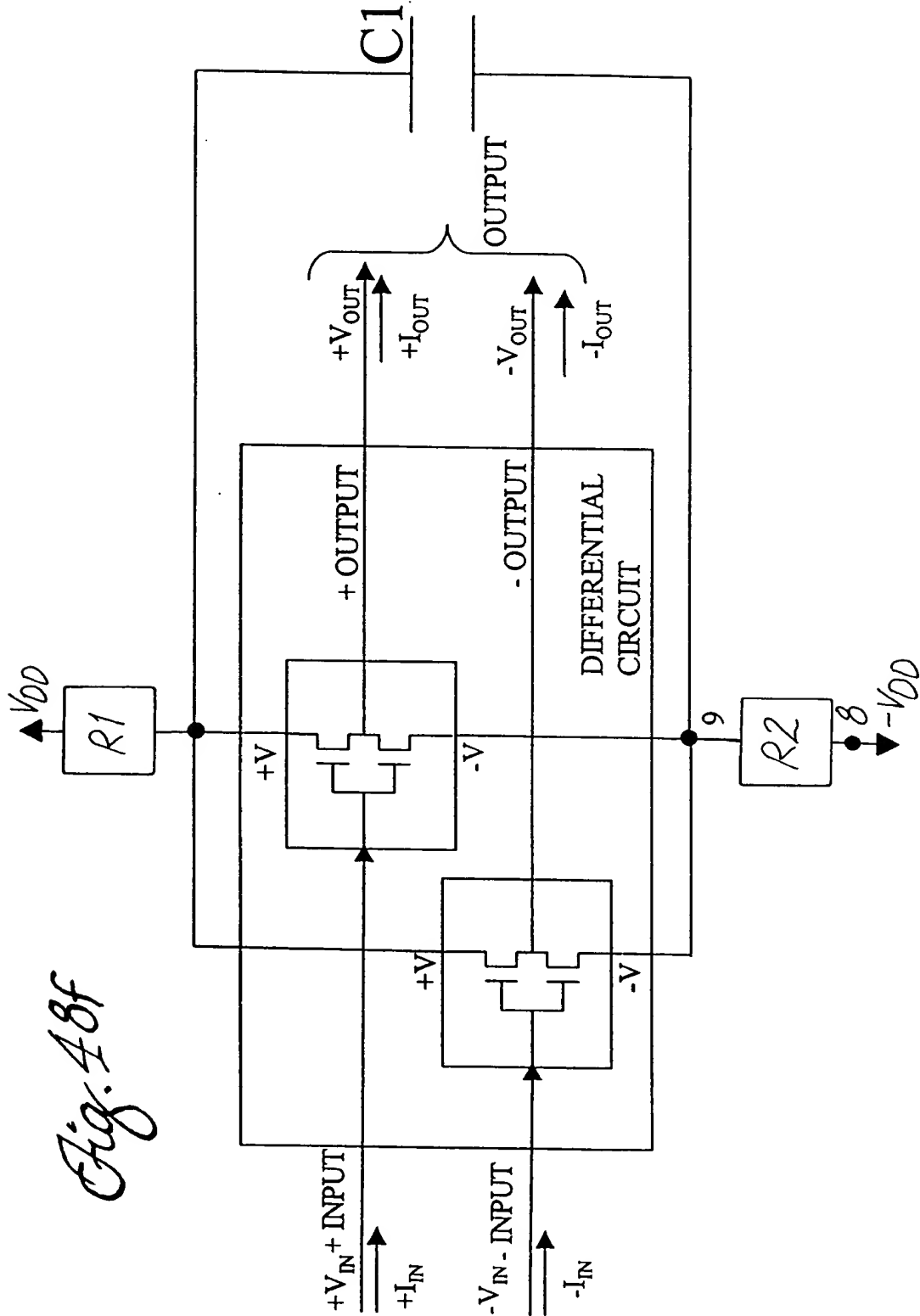


Fig. 48f